

SCHEME & SYLLABUS
B.A. (Three Year)



Department of Humanities
University Institute of Science and Humanities
Sant Baba Bhag Singh University
2019

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86	DSE	ECO301-19	ECONOMICS-V	5	114
87	DSE	MAT301-19	MATHEMATICS-V	5	116
88	SEC	PSY303-19	PSYCHOLOGY-V (PRACTICAL)	5	118
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B.A. First Year (First Semester)						
Sr. No.	Course Code	Course Name	Teaching Scheme			
			Contact Hours	Credits	Total Contact Hours	Total Credits
			(L:T:P)	(L:T:P)		
1	ENG101-19	GENERAL ENGLISH-I	3:0:0	3:0:0	3	3
2	PBI101-19	GENERAL PUNJABI-I	3:0:0	3:0:0	3	3
	HCP101-19	HISTORY AND CULTURE OF PUNJAB-I				
	PBI105-19	MUDLI PUNJABI-I				
3	SSC101-19	GENDER AND DEVELOPMENT	3:0:0	3:0:0	3	3
4		ELECTIVE-I				
5		ELECTIVE-II				
6		ELECTIVE-III				
7	PT101-19	NSO	0:0:2	0:0:0	2	NC
	PT103-19	NCC				
	PT105-19	NSS				

LIST OF ELECTIVES

I. THEORY COURSES

1	HIS101-19	HISTORY-I	4:0:0	4:0:0	4	4
2	PLS101-19	POLITICAL SCIENCE-I	4:0:0	4:0:0	4	4
3	EDU141-19	EDUCATION-I	4:0:0	4:0:0	4	4
4	PED101-19	PHYSICAL EDUCATION-I (THEORY)	3:0:0	3:0:0	3	3
5	PSY101-19	PSYCHOLOGY-I (THEORY)	3:0:0	3:0:0	3	3
6	ENG109-19	ENGLISH (ELECTIVE)-I	4:0:0	4:0:0	4	4
7	PBI103-19	PUNJABI (ELECTIVE)-I	4:0:0	4:0:0	4	4
8	MUC101-19	MUSIC VOCAL -I (THEORY)	2:0:0	2:0:0	2	2
9	ECO101-19	ECONOMICS-I	4:0:0	4:0:0	4	4
10	MAT101-19	MATHEMATICS-I	6:0:0	6:0:0	6	6

II. PRACTICAL COURSES

1	PSY103-19	PSYCHOLOGY-I (PRACTICAL)	0:0:2	0:0:1	2	1
2	PED103-19	PHYSICAL EDUCATION-I (PRACTICAL)	0:0:2	0:0:1	2	1
3	MUC103-19	MUSIC VOCAL-I (PRACTICAL)	0:0:4	0:0:2	4	2

Minimum Credit Hours Required: 21
Minimum Contact Hours Required: 21

B.A. First Year (Second Semester)						
S. No.	Course Code	Course Name	Teaching Scheme			
			Contact Hours	Credits	Total Contact Hours	Total Credits
			(L:T:P)	(L:T:P)		
1	ENG102-19	GENERAL ENGLISH-II	3:0:0	3:0:0	3	3
2	PBI102-19	GENERAL PUNJABI-II	3:0:0	3:0:0	3	3
	HCP102-19	HISTORY AND CULTURE OF PUNJAB-II				
	PBI106-19	MUDLI PUNJABI-II				
3	SSC102-19	VALUE EDUCATION	3:0:0	3:0:0	3	3
4		ELECTIVE-I				
5		ELECTIVE-II				
6		ELECTIVE-III				
7	PT102-19	NSO	0:0:2	0:0:0	2	NC
	PT104-19	NCC				
	PT106-19	NSS				

LIST OF ELECTIVES

I. THEORY COURSES

1	HIS102-19	HISTORY-II	4:0:0	4:0:0	4	4
2	PLS102-19	POLITICAL SCIENCE-II	4:0:0	4:0:0	4	4
3	EDU140-19	EDUCATION-II	4:0:0	4:0:0	4	4
4	PED102-19	PHYSICAL EDUCATION-II (THEORY)	3:0:0	3:0:0	3	3
5	PSY102-19	PSYCHOLOGY-II (THEORY)	3:0:0	3:0:0	3	3
6	ENG112-19	ENGLISH (ELECTIVE)-II	4:0:0	4:0:0	4	4
7	PBI104-19	PUNJABI (ELECTIVE)-II	4:0:0	4:0:0	4	4
8	MUC102-19	MUSIC VOCAL -II (THEORY)	2:0:0	2:0:0	2	2
9	ECO102-19	ECONOMICS-II	4:0:0	4:0:0	4	4
10	MAT102-19	MATHEMATICS-II	6:0:0	6:0:0	6	6

II. PRACTICAL COURSES

1	PSY104-19	PSYCHOLOGY-II (PRACTICAL)	0:0:2	0:0:1	2	1
2	PED104-19	PHYSICAL EDUCATION-II (PRACTICAL)	0:0:2	0:0:1	2	1
3	MUC104-19	MUSIC VOVAL-II (PRACTICAL)	0:0:4	0:0:2	4	2

Minimum Credit Hours Required: 21
Minimum Contact Hours Required: 21

B.A. Second Year (Third Semester)						
S. No.	Course Code	Course Name	Teaching Scheme			
			Contact Hours	Credits	Total Contact Hours	Total Credits
			(L:T:P)	(L:T:P)		
1	ENG201-19	GENERAL ENGLISH-III	3:0:0	3:0:0	3	3
2	PBI201-19	GENERAL PUNJABI-III	3:0:0	3:0:0	3	3
	HCP201-19	HISTORY AND CULTURE OF PUNJAB-III				
	PBI205-19	MUDLI PUNJABI-III				
3	EVS101-19	ENVIRONMENTAL SCIENCE	3:0:0	3:0:0	3	3
4		ELECTIVE-I				
5		ELECTIVE-II				
6		ELECTIVE-III				
7	PT201-19	NSO	0:0:2	0:0:0	2	NC
	PT203-19	NCC				
	PT205-19	NSS				

I. THEORY COURSES (ELECTIVES)

1	HIS201-19	HISTORY-III	4:0:0	4:0:0	4	4
2	PLS201-19	POLITICAL SCIENCE-III	4:0:0	4:0:0	4	4
3	EDU209-19	EDUCATION-III	4:0:0	4:0:0	4	4
4	PED201-19	PHYSICAL EDUCATION-III (THEORY)	3:0:0	3:0:0	3	3
5	PSY201-19	PSYCHOLOGY-III (THEORY)	3:0:0	3:0:0	3	3
6	ENG203-19	ENGLISH (ELECTIVE)-III	4:0:0	4:0:0	4	4
7	PBI203-19	PUNJABI (ELECTIVE)-III	4:0:0	4:0:0	4	4
8	MUC201-19	MUSIC VOCAL -III (THEORY)	2:0:0	2:0:0	2	2
9	ECO201-19	ECONOMICS-III	4:0:0	4:0:0	4	4
10	MAT201-19	MATHEMATICS-III	6:0:0	6:0:0	6	6

II. PRACTICAL COURSES (ELECTIVES)

1	PSY203-19	PSYCHOLOGY-III (PRACTICAL)	0:0:2	0:0:1	2	1
2	PED203-19	PHYSICAL EDUCATION-III (PRACTICAL)	0:0:2	0:0:1	2	1
3	MUC203-19	MUSIC VOCAL-III(PRACTICAL)	0:0:4	0:0:2	4	2

Minimum Credit Hours Required: 21
Minimum Contact Hours Required: 21

B.A. Second Year (Fourth Semester)

S. No.	Course Code	Course Name	Teaching Scheme			
			Contact Hours	Credits	Total Contact Hours	Total Credits
			(L:T:P)	(L:T:P)		
1	ENG202-19	GENERAL ENGLISH-IV	3:0:0	3:0:0	3	3
2	PBI202-19	GENERAL PUNJABI-IV	3:0:0	3:0:0	3	3
	HCP202-19	HISTORY AND CULTURE OF PUNJAB-IV				
	PBI206-19	MUDLI PUNJABI-I				
3	SSC202-19	NUTURITION AND HEALTH EDUCATION	3:0:0	3:0:0	3	3
4		ELECTIVE-I				
5		ELECTIVE-II				
6		ELECTIVE-III				

I. THEORY COURSES (ELECTIVES)

1	HIS202-19	HISTORY-IV	4:0:0	4:0:0	4	4
2	PLS202-19	POLITICAL SCIENCE-IV	4:0:0	4:0:0	4	4
3	EDU240-19	EDUCATION-IV	4:0:0	4:0:0	4	4
4	PED202-19	PHYSICAL EDUCATION-IV (THEORY)	3:0:0	3:0:0	3	3
5	PSY202-19	PSYCHOLOGY-IV (THEORY)	3:0:0	3:0:0	3	3
6	ENG204-19	ENGLISH (ELECTIVE)-IV	4:0:0	4:0:0	4	4
7	PBI204-19	PUNJABI (ELECTIVE)-IV	4:0:0	4:0:0	4	4
8	MUC202-19	MUSIC VOCAL -IV (THEORY)	2:0:0	2:0:0	2	2
9	ECO202-19	ECONOMICS-IV	4:0:0	4:0:0	4	4
10	MAT202-19	MATHEMATICS-IV	6:0:0	6:0:0	6	6

II. PRACTICAL COURSES (ELECTIVES)

1	PSY204-19	PSYCHOLOGY-IV (PRACTICAL)	0:0:2	0:0:1	2	1
2	PED204-19	PHYSICAL EDUCATION -IV (PRACTICAL)	0:0:2	0:0:1	2	1
3	MUC204-19	MUSIC VOCAL -IV (PRACTICAL)	0:0:4	0:0:2	4	2

Minimum Credit Hours Required: 21
Minimum Contact Hours Required: 21

B.A. Third Year (Fifth Semester)

S. No.	Course Code	Course Name	Teaching Scheme			
			Contact Hours	Credits	Total Contact Hours	Total Credits Hours
			(L:T:P)	(L:T:P)		
1	ENG301-19	GENERAL ENGLISH-V	3:0:0	3:0:0	3	3
2	PBI301-19	GENERAL PUNJABI-V	3:0:0	3:0:0	3	3
	HCP301-19	HISTORY AND CULTURE OF PUNJAB-V				
	PBI305-19	MUDLI PUNJABI-V				
3	SSC301-19	LEGAL LITERACY	3:0:0	3:0:0	3	3
4		ELECTIVE-I				
5		ELECTIVE-II				
6		ELECTIVE-III				

I. THEORY COURSES (ELECTIVES)

1	HIS301-19	HISTORY-V	4:0:0	4:0:0	4	4
2	PLS301-19	POLITICAL SCIENCE-V	4:0:0	4:0:0	4	4
3	EDU301-19	EDUCATION-V	4:0:0	4:0:0	4	4
4	PED301-19	PHYSICAL EDUCATION-V (THEORY)	3:0:0	3:0:0	3	3
5	PSY301-19	PSYCHOLOGY-V (THEORY)	3:0:0	3:0:0	3	3
6	ENG303-19	ENGLISH (ELECTIVE)-V	4:0:0	4:0:0	4	4
7	PBI303-19	PUNJABI (ELECTIVE)-V	4:0:0	4:0:0	4	4
8	MUC301-19	MUSIC VOCAL -V (THEORY)	2:0:0	2:0:0	2	2
9	ECO301-19	ECONOMICS-V	4:0:0	4:0:0	4	4
10	MAT301-19	MATHEMATICS-V	6:0:0	6:0:0	6	6

II. PRACTICAL COURSES

1	PSY303-19	PSYCHOLOGY-V (PRACTICAL)	0:0:2	0:0:1	2	1
2	PED303-19	PHYSICAL EDUCATION-V (PRACTICAL)	0:0:2	0:0:1	2	1
3	MUC303-19	MUSIC VOCAL-V (PRACTICAL)	0:0:4	0:0:2	4	2

Minimum Credit Hours Required: 21
Minimum Contact Hours Required: 21

B.A. Third Year (Sixth Semester)

S. No.	Course Code	Course Name	Teaching Scheme			
			Contact Hours	Credits	Total Contact Hours	Total Credits
			(L:T:P)	(L:T:P)		
1	ENG302-19	GENERAL ENGLISH-VI	3:0:0	3:0:0	3	3
2	PBI302-19	GENERAL PUNJABI-VI	3:0:0	3:0:0	3	3
	HCP302-19	HISTORY AND CULTURE OF PUNJAB-VI				
	PBI306-19	MUDLI PUNJABI-VI				
3	MGT336-19	ENTREPRENEURSHIP AND SMALL BUSINESS	3:0:0	3:0:0	3	3
4		ELECTIVE-I				
5		ELECTIVE-II				
6		ELECTIVE-III				

I. THEORY COURSES(ELECTIVES)

1	HIS302-19	HISTORY-VI	4:0:0	4:0:0	4	4
2	PLS302-19	POLITICAL SCIENCE-VI	4:0:0	4:0:0	4	4
3	EDU302-19	EDUCATION-VI	4:0:0	4:0:0	4	4
4	PED302-19	PHYSICAL EDUCATION-VI (THEORY)	3:0:0	3:0:0	3	3
5	PSY302-19	PSYCHOLOGY-VI (THEORY)	3:0:0	3:0:0	3	3
6	ENG304-19	ENGLISH (ELECTIVE)-VI	4:0:0	4:0:0	4	4
7	PBI304-19	PUNJABI (ELECTIVE)-VI	4:0:0	4:0:0	4	4
8	MUC302-19	MUSIC VOCAL -VI (THEORY)	2:0:0	2:0:0	2	2
9	ECO302-19	ECONOMICS-VI	4:0:0	4:0:0	4	4
10	MAT302-19	MATHEMATICS-VI	6:0:0	6:0:0	6	6

II. PRACTICAL COURSES(ELECTIVES)

1	PSY304-19	PSYCHOLOGY-VI (PRACTICAL)	0:0:2	0:0:1	2	1
2	PED304-19	PHYSICAL EDUCATION-VI (PRACTICAL)	0:0:2	0:0:1	2	1
3	MUC304-19	MUSIC VOCAL-VI (PRACTICAL)	0:0:4	0:0:2	4	2

Minimum Credit Hours Required: 21
Minimum Contact Hours Required: 21

GENERAL ENGLISH - I

Course Code	ENG 101-19
Course Title	General English-I
Type Course	Theory
L T P	3:0:0
Credits	3
Course Pre-requisite	NA
Course Objective (CO)	<ol style="list-style-type: none"> 1. The students will critically read and analyze the prescribed texts. 2. The students will demonstrate effective word choice, vocabulary, idioms, grammar and sentence structure allowing accurate communication of meaning in written work. 3. The students will recognize the correct usage of present/past/future tenses in contextualized speech.

UNIT I

Tales of Life: The Umbrella (Henry Rene Albert Guy de Maupassant), The Story Teller (H.H. Munro Saki)

Prose for Young Learners: Universal Declaration Of Human Rights (U.N. Charter) ,Symptoms (Jerome K. Jerome)

Murphy's English Grammar:

UNIT II

Tales of Life: The Lament (Anton Pavlovich Chakhov), The Luncheon (William Somerset Maugham)

Prose for Young Learners: On Spendthrifts (A.G.Gardinar), The Power of Women (Richard Gardon) A Dialogue On Democracy (Albert Sydney Horby)

UNIT III

Tales of Life: The Shroud (Prem Chand)

Prose for Young Learners: A Dialogue On Democracy (Albert Sydney Horby)

UNIT IV

English Grammar in Use: Unit 1 to Unit 25

Text and Reference books:

S.No.	Author(S)	Year	Title	Publisher
1	Singh, S	2008	Tales of Life	Press and Publication Department, Guru Nanak Dev University, Amritsar.
2	Tewari, A. K, Midha,V.K, Sharma, R.K	2011	Prose For Young Learners	Publication Bureau, Guru Nanak Dev University, Amritsar
3	Murphy, R	2015	English Grammar in Use	Cambridge University Press

GENERAL PUNJABI-I

Course Code	PBI101-19
Course Title	General Punjabi-I
Type of Course	Theory
LT P	3:0:0
Credits	3
Course Prerequisite	N.A
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵੀਆਂ ਦੀ ਜੀਵਨੀ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਰੇਖਾ ਚਿੱਤਰਾਂ ਦਾ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ। 4. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤਬੰਦੀ ਸੰਬੰਧੀ ਗਿਆਨ ਹਾਸਿਲ ਹੋ ਜਾਵੇਗਾ। 5. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਉਪ- ਭਾਸ਼ਾਵਾਂ ਨੂੰ ਪਛਾਣਣਯੋਗ ਹੋ ਜਾਣਗੇ।

ਭਾਗ-ਪਹਿਲਾ

ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ: ਭਾਈ ਵੀਰ ਸਿੰਘ (ਰਉਂ ਰੁਖ਼, ਸਮਾਂ, ਇੱਛਾ ਬਲ ਤੇ ਡੂੰਘੀਆਂ ਸ਼ਾਮਾਂ), ਧਨੀ ਰਾਮ ਚਾੜ੍ਹਕ(ਰਾਧਾ ਸੰਦੇਸ਼, ਸਿਦਕਾਂ ਵਾਲਿਆਂ ਦੇ ਬੇੜੇ ਪਾਰ ਨੇ), ਪ੍ਰੋ. ਪੂਰਨ ਸਿੰਘ(ਪੁਰਾਣੇ ਪੰਜਾਬ ਨੂੰ ਆਵਾਜ਼ਾਂ), ਫੀਰੋਜ਼ਦੀਨ ਸ਼ਰਫ਼(ਕੁਰਬਾਨੀ, ਖ਼ੈਰ ਪੰਜਾਬੀ ਦੀ), ਪ੍ਰੋ. ਮੋਹਨ ਸਿੰਘ(ਆਉ ਨੱਚੀਏ, ਨਵਾਂ ਕੌਤਕ), ਨੰਦ ਲਾਲ ਨੂਰਪੁਰੀ(ਚੁੰਮ ਚੁੰਮ ਰੱਖੋ, ਮਜ਼ਦੂਰ), ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ(ਬਾਰਾਂ ਮਾਹ, ਸੰਯੋਗ ਵਿਯੋਗ), ਡਾ. ਹਰਭਜਨ ਸਿੰਘ(ਤੇਰੇ ਹਜ਼ੂਰ ਮੇਰੀ ਹਾਜ਼ਿਰੀ ਦੀ ਦਾਸਤਾਂ), ਸ਼ਿਵ ਕੁਮਾਰ ਬਟਾਲਵੀ(ਬਿਰਹੋਂ ਦੀ ਰੜਕ, ਜ਼ਖ਼ਮ), ਸੁਰਜੀਤ ਪਾਤਰ(ਚੌਂਕ ਸ਼ਹੀਦਾਂ 'ਚ ਉਸਦਾ ਆਖਿਰੀ ਭਾਸ਼ਣ, ਗ਼ਜ਼ਲ)

ਭਾਗ-ਦੂਸਰਾ

2.ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ(ਲੇਖ): ਕੇ. ਐੱਲ. ਸਹਿਗਲ, ਬੜੇ ਗੁਲਾਮ ਅਲੀ ਖਾਂ, ਸੋਭਾ ਸਿੰਘ, ਪ੍ਰਿਥਵੀਰਾਜ ਕਪੂਰ, ਭਾਈ ਸਮੁੰਦ ਸਿੰਘ।

ਭਾਗ-ਤੀਸਰਾ

3.ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤ : ਉਚਾਰਨ ਅੰਗ, ਉਚਾਰਨ ਸਥਾਨ ਤੇ ਵਿਧੀਆਂ, ਸਵਰ, ਵਿਅੰਜਨ।

ਭਾਗ-ਚੌਥਾ

4.ਭਾਸ਼ਾ ਵੰਨਗੀਆਂ: ਭਾਸ਼ਾ ਦਾ ਟਕਸਾਲੀ ਰੂਪ, ਭਾਸ਼ਾ ਅਤੇ ਉਪ- ਭਾਸ਼ਾ ਦਾ ਅੰਤਰ, ਪੰਜਾਬੀ ਉਪਭਾਸ਼ਾਵਾਂ ਦੇ ਪਛਾਣ ਚਿੰਨ੍ਹ।

ਪਾਠ- ਪੁਸਤਕਾਂ ਅਤੇ ਹਵਾਲਾ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰ
ਸੰਪਾਦਕ, ਢਿੱਲੋਂ; ਹ.ਸ. ਅਤੇ ਸਰਗੋਧੀਆ; ਪ.ਸ.	ਦੋ ਰੰਗ	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ
ਗਾਰਗੀ; ਬ.	ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ
ਸਿੰਘ; ਹ.	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਸਿੰਘ; ਤੀਰਥ (ਡਾ.)	ਪੰਜਾਬੀ ਅਧਿਆਪਨ	ਐੱਸ. ਜੀ. ਪਬਲਿਸ਼ਰਜ਼, ਜਲੰਧਰ
ਸੇਖੋਂ; ਸੁਖਵਿੰਦਰ ਸਿੰਘ (ਡਾ.) ਅਤੇ ਸੇਖੋਂ; ਮਨਦੀਪ ਕੌਰ	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਅਧਿਆਪਨ	ਕਲਿਆਣੀ ਪਬਲਿਸ਼ਰਜ਼, ਲੁਧਿਆਣਾ

HISTORY AND CULTURE OF PUNJAB -I

Course code	HCP101-19
Course title	History and Culture of Punjab -I
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course objectives (CO)	<ol style="list-style-type: none">1. The Student will acquire the knowledge about Punjab and its Historical Resources.2. The Student will understand the Harppan Culture and different Vedic Periods.3. The Students will analyze the Alexander's invasions.

Unit I

Ancient Punjab: Physical features, Political, Social, Economic, Geographical, Religious impact on History, Historical Sources: Literacy, Archaeological, Harappan Culture: Extent and Town Planning.

Unit II

Harppan Culture: Social, Economic and Religious life; Causes and Disappearance, Rig Vedic Age: The rise of Indo Aryans, Main features of the life in Early Vedic Age, Later Vedic Age: Political, Economic, Social, and Religious life of Later Vedic Aryans.

Unit III

Caste system: Origin and Evolution, The Epics: Historical importance of Ramayan and Mahabharat, Political condition on eve Alexander's Invasion.

Unit IV

Impact of Alexander's Invasion on Social and Culture Life., Position of Women: Harppan, Early Vedic and Later Vedic Age.

Important Historical places of Punjab: Mohenjodaro, Harappa, kotla Nihang khan, Sanghol, Banawali, Taxila, Hastinapur, Indraprastha, Srinagar, Sakala, Purusapura

Text and References Books:

S.NO.	Author's	Title	Publisher
1	Sukhdev Sharma	History And Culture Of Punjab	New Academic Publisher
2	Romila Thapar	A History of India, Vol. I	Penguin Books

ਮੁਢਲੀ ਪੰਜਾਬੀ

Course Code	PBI105-19
Course Title	ਮੁਢਲੀ ਪੰਜਾਬੀ-I
Type of Course	Theory
L T P	3:0:0
Credits	3
Course Pre-requisite	B.A
	ਵਿਦਿਆਰਥੀ: ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਸੰਬੰਧੀ ਸਮਝ ਪ੍ਰਾਪਤ ਕਰਨਗੇ। ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀਆਂ ਪ੍ਰਵਿਰਤੀਆਂ ਸੰਬੰਧੀ ਜਾਣੂ ਹੋ ਜਾਣਗੇ। ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਅਰਥਾਂ ਨੂੰ ਸਮਝ ਸਕਣਗੇ। ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਕਾਸ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰ ਲੈਣਗੇ।

ਭਾਗ ਪਹਿਲਾ

(ੳ) ਵਰਣਮਾਲਾ ,ਪੁਨੀ ਪ੍ਰਬੰਧ
ਅਖੰਡੀ ਪੁਨੀਆਂ: ਸੁਰ, ਵਾਕਸੁਰ, ਬਲ, ਨਾਸਿਕਤਾ

ਭਾਗ ਦੂਸਰਾ

(ੳ) ਅਸ਼ੁੱਧ ਸ਼ਬਦ ਨੂੰ ਸ਼ੁੱਧ ਕਰਨਾ (ਦਿੱਤੇ ਪੈਰੇ ਵਿਚੋਂ)
(ਅ) ਵਿਰੋਧਾਰਥਕ ਸ਼ਬਦ, ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ

ਭਾਗ ਤੀਸਰਾ

(ੳ) ਮੁਹਾਰਨੀ
(ਅ) ਭਾਸ਼ਾ ਅਤੇ ਲਿਪੀ

ਭਾਗ ਚੌਥਾ

(ੳ) ਸ਼ਬਦ ਜੋੜ
(ਅ) ਸ਼ਬਦ ਸ਼ਕਤੀਆਂ

ਸਹਾਇਕ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1971	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਇਤਿਹਾਸ (ਭਾਗ ਪਹਿਲਾ)	ਭਾਸ਼ਾ ਵਿਭਾਗ, ਪੰਜਾਬ, ਪਟਿਆਲਾ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1974	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ	ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ, ਲੁਧਿਆਣਾ
ਹਰਕੀਰਤ ਸਿੰਘ	1976	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਆਲੋਚਨਾਤਮਕ ਇਤਿਹਾਸ	ਪੈਪਸੂ ਬੁੱਕ ਡਿਪੋ, ਪਟਿਆਲਾ
ਰਾਮ ਸਿੰਘ	2000	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਕਾਸ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀ, ਅੰਮ੍ਰਿਤਸਰ

ਸੰਬੰਧਿਤ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਸਿੰਘ; ਜੀ. ਬੀ.	1950	ਗੁਰਮੁਖੀ ਲਿੱਪੀ ਦਾ ਜਨਮ ਅਤੇ ਵਿਕਾਸ	ਪੰਜਾਬ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜ੍ਹ
ਸਿੰਘ; ਹ.	1966	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

GENDER AND DEVELOPMENT

Course Code	SSC101-19
Course Title	Gender and development
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. The students will acquire knowledge and understanding of theory and concepts related to gender and gender relations 2. The students will analyse the evolution of thinking and approaches around gender and development. 3. The students will critically reflect how gender is a development issue.

UNIT I

Concept of sex and gender
Gender attributes and questions of identity.

UNIT II

Empowerment- concept and meaning.
Definition of feminism, feminist and women movements in U.S.A, U.K., France and India

UNIT III

Women development and development organizations.
Impact of development on gender.

UNIT IV

Policies and current debates on women rights.
Role of UN in establishing gender equality.
Violence against women and need for reforms.

Text and Reference Books:

S.No.	Author(S)	Year	Title	Publisher
1	Jayachandran, Seema	2014	The Roots of Gender Inequality in Developing Countries	NBER Working Paper No.20380. Issued in August 2014
2	Duflo, Esther	2012	Women's Empowerment and Economic Development	<i>Journal of Economic Literature</i> , 50(4): 1051-79.

HISTORY- I

Course Code	HIS101
Course Title	History- I
Type of course	Theory
L T P	4: 0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The students will understand historical interpretation.2. The students will develop historical research skills (Critical Thinking, Verbal Literacy).3. The students will be able to communicate historical knowledge in written and oral forms (Critical Thinking, Verbal Literacy).

UNIT I

Major Sources of History: Literary Sources, Archaeological Sources: Coins, Inscriptions and monuments; The Indus Civilization: Origin; Harappa and Mohenjo-Daro; Political organization; Town-planning; Social and Economic Life, Religion; Script, Seals and Figurines, Causes of disintegration.

UNIT II

The Indo Aryans: Original home; Vedic Age: Political and Economic Life, Social and Religious Life; Republics and Kingdoms 600-321 B.C.E.: Mahajanpadas, the rise of Magadha; Jainism and Buddhism: Life and teachings of Mahavir Jain, Life and teachings of Gautam Buddha, Causes of the decline of Buddhism and Jainism.

UNIT III

The Age of the Mauryas: Establishment of the Mauryan Empire; Expansion of the empire; the Kalinga War; Polity and administration; Ashoka's Dhamma; Decline of the Mauryan empire. The Kushanas: Kanishka and his successors; Mahayana Buddhism; Gandhara Art; Literature. The Gupta Age: Establishment of the Gupta Empire; its expansion under Samundragupta and Chandragupta-II; Administration; Revenue system; Trade and Commerce; Art and architecture; Literature and philosophy; Science and Technology, the decline of the Gupta Empire.

UNIT IV

The Age of the Vardhanas: Establishment of Vardhana kingdom; Administration under Harsha Vardhana; origin of Rajputs; The Cholas: Establishment of the Chola power, Administration under Cholas.

Map: Map on important historical places: taxila, Indraprastha, Kannauj, Patliputra, Ujjain, Bodhgaya, Varanasi, Sopara, Ajanta, Ellora, Sanchi, Tanjor, Kanchipuram, Lothal, Nalanda, Hastinapur, Kalibangan, Harrappa, Kalinga, Arikamedu, Shravenbelgola.

Text Book:

S.No.	Author(S)	Year	Title	Publisher
1	Arora A.C. & Sikri, S.L.	2009	Bharati Itihas Da Prachin Kal (Punjabi & Hindi)	Kalyani Publishers, Ludhiana

POLITICAL SCIENCE-I

Course Code	PLS101-19
Course Title	Political Science-1
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	The students will demonstrate an understanding of the concepts of political science. The students will understand its interrelationship with the other social science fields. 3. The students will acquire knowledge and understanding of political theories and beliefs

UNIT-I

Political Science: Meaning, Nature and Scope, Traditional & Modern View.
Relationship of Political Science with Economics, History, Sociology and Psychology.

UNIT-II

State: Definition, Elements and its distinction from Government and Society.
Theories of the Origin of State: Social Contract, Historical / Evolutionary and Marxian Theory.

UNIT-III

State: Liberal, Marxian and Gandhian Views of State, Welfare State: Concept and Functions of Welfare State.

UNIT-IV

Sovereignty: Definition, Attributes and Types of Sovereignty, Theories of Sovereignty: Monistic and Pluralistic, Electorates and Electoral Systems.

Text and References Books

S.NO	Author's	Title	Publisher
1	J.C.Johari,	Principles of Political Science	Sterling Publishers, New Delhi.
2	A.C.Kapur	Principles of Political Science	S. Chand & Company, New Delhi.
3	S.P. Verma	Political Theory	Geetanjali Publishing House, New Delhi.

EDUCATION-I

Course Code	EDU141-19
Course Title	Education –I
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	To enable the students to understand: <ol style="list-style-type: none"> 1. The meaning, nature and scope of education along with its types. 2. Functions of education in light of its aims. 3. Role of education viz-a-viz present day needs.

UNIT-I

Meaning, nature, functions and scope of Education

Types of Education- Formal, Informal & Non-formal

UNIT-II

Analysis of concepts of Education – Schooling, Training & Indoctrination

Meaning, need & importance of aims and objectives of Education

UNIT-III

Individual, Social, Liberal and Vocational aims of Education

Aims & objectives of Education as recommended by Secondary Education Commission (1952-53) and Indian Education Commission (1964-66)

UNIT-IV

Aims of Education as recommended by NPE (1986)

Aims of Education for Modern Indian Society in the context of globalization

Text Book:

S. No.	Author(S)	Year	Title	Publisher
1.	Bhatia and Narang	1992	Philosophical and Sociological Foundations of Education	Doaba House, New Delhi

Reference Books:

S.No.	Author(S)	Year	Title	Publisher
1.	Prasad and Chandra	2006	Sociological Foundations of Education	Deepak KSK Publishers, Delhi
2.	Sodhi, T.S	2007	Philosophical and Sociological Foundations of Education	Bawa Publications, Patiala
3.	Taneja, V.R	2006	Foundation of Education	Mahindra Capital, Chandigarh
4.	Taneja. V.R.	1983	Socio-Philosophical Approach to Education	Atlantic Publishers, Delhi

PHYSICAL EDUCATION-I (THEORY)

Course Code	PED101-19
Course Title	Physical Education-I (Theory)
Type of Course	Theory
L T P	3:0:0
Credits	3
Course pre-requisite	NA
Course Objectives	After the completion of the course, students will be able to: <ol style="list-style-type: none">1. Understand the various theories of Physical Education.2. Explain the aims and objectives of Physical Education..3. Understand the Biological principles.4. Gain knowledge about Body Types.5. Understand the development of Physical Education in India.6. They will be able to understand about Olympic Games, Commonwealth Games &Asian Games.

UNIT-I

Definition of the terms: Education, Physical Education, Physical Training and Coaching.
Aims and objectives of Physical Education, Relationship of Education and Physical Education.

UNIT-II

Biological Principles:

Growth and Development

Age and sex differences

Effects of heredity and environment on growth and development.

Chronological age, physiological age, Anatomical age and Mental age.

Body types.

UNIT-III

Development of Physical Education and Sports in India.Pre–Independence, Post– Independence
Sports Schemes in India, N.S.N.I.S., Sports Authority of India, Punjab Sports Department, Punjab
State Sports Council.

UNIT-IV

Olympic Games: Ancient Olympics, Modern Olympics.Commonwealth Games and Asian
Games.

Text-Books

S. No.	Author(S)	Year	Title	Publisher
1	R.D. Kansal	2015	Physical Education and Sports	Kalyani Publishers Ludhiana

Reference Books

S. No.	Author(S)	Year	Title	Publisher
1	Reverse, R.S	1978	Foundations of Physical Education Houghton Mifflin Co. Boston	Louis C.V. Mosby. C.
2	Bucher, C.S.	1968	Foundations of Physical Education	New York, Harper & Row
3	Singh Kanwaljeet and Singh Inderjeet	2000	Sports Sociology	Friends Publication, New Delhi, 2000.
4	Eraz Ahmad Khan	1996	History of Physical Education	Scientific Book Co., Patna-4, Latest Ed.
5	Singh Ajmer and Gill Jagtar	2004	Essentials of Physical Education and Olympic Movement	Kalyani Publishers, Ludhiana, 2004



PSYCHOLOGY-I (THEORY)

Course Code	PSY101-19
Course Title	Psychology-I (Theory)
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. To enable the students to understand: 2. The meaning, nature and scope of general psychology along with its importance. 3. The principles, theories in different areas like emotions, motivation etc. 4. The methods of psychology.

UNIT-I

Meaning, Nature, Scope, Goals and Importance of Psychology

Schools of Psychology: Structuralism, Functionalism, Behaviourism, Gestalt Psychology, Psychoanalysis

UNIT-II

Methods of Psychology: Experimental Method, Observation Method, Introspection Method, Survey Method

UNIT-III

Motivation—Concept, Motivation Cycle, Classification of Motives, Theories of Motivation—Maslow's need Hierarchy theory, Murray and McClelland Theory
Conflicts and Frustration

UNIT-IV

Emotions—Meaning, Concept, Types of Emotions, Physical and Physiological changes during emotional states, Measurement of Emotions, James Lange and Cannon Bard Theory

Text Book:

S. No.	Author(S)	Year	Title	Publisher
1	Baron, R.A.	1996	Psychology	Prentice Hall of India, New Delhi

Reference Books:

S.No.	Author(S)	Year	Title	Publisher
1	Ciccarelli, D.	2008	Introduction to Psychology	Pearson Publications, Delhi
2	Jain, Shashi	2000	Introduction to Psychology	Kalyani Publications, Ludhiana
3.	Morgan, G.T., King, P.A., Weisz, T.R. & Schopler, J.	1999	Introduction to Psychology	Mcgraw Hill Book Co., New York.

ENGLISH (ELECTIVE)-I

Course Code	ENG109-19
Course Title	English(Elective)-I
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. Students will demonstrate familiarity with major poets, works and genres. 2. Students will demonstrate the ability to read, write, and think critically. 3. Students will use transcription conventions appropriately when transcribing words.

UNIT I

The Apple Cart—Complete text

UNIT II

Spots of Time: Poems at serial No. 1-3, 5, 7-12,14, 19-20

UNIT II

Literary Terms: Ballad, Character, Comedy, Conceit, Epic, Irony, Plot, Paradox

UNIT IV

Transcription of Words: comb, crèche, dose, gauge, ghost, castle, gross, mauve, sure, sample, wolf, wool, arch, off, of, door, stair, what, cough, clerk, tooth, yak, yawn, sing, tongue.

Texts & Recommended Books:

S. No.	Author(S)	Year	Title	Publisher
1	G.B. Shaw	2001	The Apple Cart	Penguin Books India
2	M.H. Abrams	2008	Glossary of Literary Terms	Wadsworth CENGAGE Learning Publishers
3	J.D. O'Connor.	2008	Better Pronunciation of English	Wadsworth CENGAGE Learning Publishers

PUNJABI (ELECTIVE)-I

Course Code	PBI103-19
Course Title	Punjabi (Elective)-I
Type of Course	Theory
L T P	4:0:0
Credits	4
Course Prerequisite	N.A
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵੀਆਂ ਦੀ ਜੀਵਨੀ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀਆਂ ਵੱਖ-ਵੱਖ ਵਿਧਾਵਾਂ ਨੂੰ ਮਾਨਣਯੋਗ ਹੋ ਜਾਣਗੇ। 4. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਨਾਵਲ ਅਤੇ ਇਕਾਂਗੀਆਂ ਦਾ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ।

ਭਾਗ-ੳ

ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ (1901-1995): ਭਾਈ ਵੀਰ ਸਿੰਘ (ਕੰਬਦੀ ਕਲਾਈ, ਨਿੱਕੀ ਗੋਦ ਵਿੱਚ, ਗੁਲਾਬ ਦਾ ਫੁੱਲ ਤੋੜਨ ਵਾਲੇ ਨੂੰ, ਹੀਰਾ ਕਣੀ, ਅਚਣਚਟਤੀ ਦਾ ਝਲਕਾ, ਸਮਾਂ, ਸਦਕੇ ਤੇਰੀ ਜਾਦੂਗਰੀ ਦੇ), ਪ੍ਰੋ. ਪੂਰਨ ਸਿੰਘ(ਜਵਾਨ ਪੰਜਾਬ ਦੇ, ਹਲ ਵਾਹੁਣ ਵਾਲੇ, ਦਿਲ ਮੇਰਾ ਖਿਚੀਂਦਾ, ਖੂਹ ਉੱਤੇ), ਪ੍ਰੋ. ਮੋਹਨ ਸਿੰਘ(ਤਾਜ ਮਹੱਲ, ਜਾਇਦਾਦ, ਜੱਟੀਆਂ ਦਾ ਗੀਤ, ਕੋਈ ਆਇਆ ਸਾਡੇ ਵਿਹੜੇ, ਆਥਣ ਨੂੰ), ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ(ਅੰਨ ਦਾਤਾ, ਆਖਾਂ ਵਾਰਿਸ ਸ਼ਾਹ ਨੂੰ, ਚਾਨਣ ਦੀ ਫੁਲਕਾਰੀ, ਨਾਗ-ਮਣੀ, ਯਾਦਾਂ, ਗਜ਼ਲ), ਬਾਵਾ ਬਲਵੰਤ(ਤੇਰਾ ਮੇਲ, ਕੋਸ਼ਿਸ਼ 'ਚ ਹਾਂ, ਨਵੀਨ ਗਜ਼ਲ, ਉਸਦਾ ਹਾਰ, ਦੁਨੀਆਂ) ਡਾ. ਹਰਭਜਨ ਸਿੰਘ(ਨਹੀਂ ਮੁੱਕਦੀ ਫੁਲਕਾਰੀ, ਇੱਕ ਮਿੰਟ ਖ਼ਾਮੋਸ਼ੀ, ਕੇਵਲ ਸ਼ਰਧਾਂਜਲੀ, ਅਪਣੇ ਮੇਚ, ਧਰਤੀ ਦੇ ਹੇਠਾਂ), ਸੋਹਣ ਸਿੰਘ ਮੀਸ਼ਾ(ਚੀਕ ਬੁਲਬੁਲੀ, ਧਰਤੀ ਦੇ ਬੋਲ, ਆਖਰ ਕਦੋਂ ਤੱਕ, ਘਰ ਵਸਤਰ), ਸ਼ਿਵ ਕੁਮਾਰ ਬਟਾਲਵੀ(ਕੰਡਿਆਲੀ ਥੋਰੂ, ਗਜ਼ਲ, ਰੱਖ, ਰਾਤ ਚਾਨਣੀ ਮੈਂ ਟੁਰਾਂ), ਜਸਵੰਤ ਸਿੰਘ ਨੇਕੀ(ਸੁੰਦਰਤਾ, ਕੱਚ, ਪਰਖ, ਸੂਰਜ ਦੀ ਅੱਜ ਧੁੱਪ ਵੀ ਕੇਰੀ, ਚੌੜੇ ਚੌੜੇ ਪਾਣੀਆਂ ਤੇ), ਜਗਤਾਰ(ਜ਼ਿੰਦਗੀ ਦੀ ਇਲਾਮਤ, ਹਰ ਮੋੜ ਤੇ ਸਲੀਬਾਂ, ਖੂਨ ਲੋਕਾਂ ਦਾ ਹੈ, ਜੇ ਘਰਾਂ ਤੋਂ ਤੁਰ ਪਏ ਹੋ ਦੋਸਤੋ, ਪਰਿੰਦਿਆਂ ਦਾ ਮਰਸੀਆ), ਪਾਸ਼(ਹਾਂ ਉਦੋਂ.., ਅਸਮਾਨ ਦਾ ਟੁਕੜਾ, ਉਹਦੇ ਨਾਂ, ਤੀਸਰਾ ਮਹਾਂਯੁੱਧ, ਸੋਗ ਸਮਾਰੋਹ ਵਿੱਚ), ਸੂਰਜੀਤ ਪਾਤਰ(ਕੋਈ ਡਾਲੀਆਂ ਚੋਂ ਲੰਘਿਆਂ, ਜ਼ਖ਼ਮ ਨੂੰ ਜ਼ਖ਼ਮ ਲਿਖੋ, ਮੇਰੇ ਚਿਰਾਗ ਬੁਝਾ ਕੇ, ਉਦੋਂ ਵਾਰਿਸ ਸ਼ਾਹ ਨੂੰ ਵੰਡਿਆ ਸੀ, ਆਤਮ ਉਪਦੇਸ਼)

ਭਾਗ-ਅ

ਪਵਿੱਤਰ ਪਾਪੀ (ਨਾਨਕ ਸਿੰਘ) (ਨਾਵਲ)।

ਭਾਗ-ੲ

ਪੰਜਾਬੀ ਇਕਾਂਗੀ: ਬੇਬੇ ਰਾਮ ਭਜਨੀ, ਦੂਜਾ ਵਿਆਹ

ਭਾਗ-ਸ

ਮਨ ਦੀਆਂ ਮਨ ਵਿੱਚ, ਅੱਖ ਅੱਗੇ ਕੱਖ, ਕੁੱਤਾ ਤੇ ਮਨੁੱਖ।

ਪਾਠ ਅਤੇ ਹਵਾਲਾ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰ
ਸੰਪਾਦਕ, ਕੌਰ; ਬ. ਅਤੇ ਜੋਸ਼ੀ; ਟੀ.ਡੀ.	ਸੁਖਨ ਦੇ ਸੂਰਜ	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ
ਸਿੰਘ; ਨਾ.	ਪਵਿੱਤਰ ਪਾਪੀ	ਲੋਕ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ
ਸੰਪਾਦਕ, ਧੀਰ; ਕ.ਸ. ਅਤੇ ਭੋਗਲ; ਹ.ਸ.	ਮੰਚ ਘਰ	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ

MUSIC VOCAL -I (THEORY)

Course Code	MUC101-19
Course Title	Music Vocal-I (Theory)
Type of course	Theory
L T P	2: 0:0
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The students will be able to understand the need, content and process and basic guidelines of music.2. The students will be able to develop right understanding for music.3. The students will be able to realize the significance of music.

UNIT-I

Defination of : Sangeet, Swar, That, Naad, Lai, Taal, Murki, Khatka, Rag

UNIT-II

Contribution of Guru Nanak Dev ji to Indian Music

UNIT-III

Historical development of Tanpura and Harmonium

Historical development of Gurmat sangeet.

UNIT-IV

Life sketch and contribution of: Bade Gulam Ali Khan, Tansen, Nikhil Benarjee, Fayaz Khan

Historical development of Modern period.

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	Dr. Arun Mishra	Bhartia Kanth Sangeet	Avam Vadya Sangeet Kanishka Publishers , New Delhi
2	Pt. Debu	On Indian Music	Howdery Roshan Press
3	Dr. Davinder Kaur	Sangeet Roop	AP Publishers, Jalandhar
4	Prof. S. D. Dhawan	Sangeet Sikhiya	AP Publishers, Jalandhar
5	Hathras	Sangeet Visharad	AP Publishers, Jalandhar

ECONOMICS-I

Course Code	ECO101-19
Course Title	Economics-I
Type of Course	Theory
LTP	4: 0: 0
Credits	4
Course pre-requisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. Understand the nature and scope of economics. 2. Understand the role of supply and demand. 3. To be able to use supply and demand functions in economic conditions and policies. 4. Understand the basic theories behind consumer behavior and producer behavior. 5. To be able to perform simple analysis of market for production inputs.

UNIT-I

Introduction: Definition, Meaning, Nature and Scope of Economics.

Theory of Demand and consumer Behavior: Utility Analysis and Indifference Curve Analysis. Law of Demand and its Exceptions, Elasticity of Demand and its measurement, Consumer Surplus and its measurement.

UNIT-II

Theory of Production and Costs: Concept, Law of Variable Proportions and Laws of Returns to Scale, Cost Concepts and Cost Curves in Short and Long periods (Traditional Theory of Costs).

Market Forms and Revenue: Behavior of Average Revenue and Marginal Revenue under Perfect Competition and Imperfect Competition. Relationship between Average Revenue, Marginal Revenue and Elasticity of Demand.

UNIT-III

Price and Output Determination: Price and Output Determination of the Firm and Industry under Perfect

Competition, Monopoly and Monopolistic Competition in Short and Long run, Concept of Discriminating, Monopoly.

UNIT-IV

Distribution: Marginal Productivity and Modern Theories of Wage Determination, Ricardian and Modern

Theories of Rent. Classical and Loanable Funds Theory of Interest, Risk and Uncertainty Theories of Profit.

Text and reference Books

S.NO.	Author(S)	Title	Publisher
1.	R.G. Lipsey	Introduction to Positive Economics	EL BS, London
2.	Stonier & Hague	A Text Book of Economics Theory	ELBS, London
3.	N.C. Ray	Microeconomic Theory	Macmillan, Delhi

MATHEMATICS- 1

Course Code	MAT101-19
Course Title	Mathematics -1
Type of course	Theory
L T P	6:0:0
Credits	6
Course prerequisite	NA
Course Objective	1. It develops the techniques to simplify algebraic expressions. In addition, it encourages students to expand their knowledge through practical application in their daily life.

UNIT-I

ALGEBRA-I Symmetric, Skew symmetric, Hermitian and Skew Hermitian matrices. Elementary operations on matrices. Inverse of a matrix. Linear independence of row and column vectors. Row rank, Column rank of a matrix, Equivalence of column and row ranks, Nullity of matrix, Applications of matrices to a system of linear (both homogeneous and non-homogeneous) equations. Theorems on consistency of a system of linear equations.

UNIT-II

Differential Calculus: ϵ - δ definition of the limit of a function. Basic properties of limits. Continuous functions and classification of discontinuities. Differentiability. Successive differentiation. Leibnitz theorem. Asymptotes. Curvature. Tests for concavity and convexity. Points of inflexion. Multiple points. Tracing of curves (Cartesian and parametric coordinates only).

UNIT-III

Trigonometry De-Moivre's Theorem and its applications, circular and hyperbolic functions and their inverse. Exponential and Logarithm function of a complex numbers. Expansion of trigonometric functions. Gregory's series. Summation of series.

UNIT-IV

Co-ordinate Geometry Sphere, Cone and Cylinder (Rectangular Coordinates only) The Central Conicoids (referred to principal axes). Tangents and tangent planes, Polar planes and polar lines, Section with a given centre, Enveloping cone, Enveloping cylinder and related problems. Equations of the normal to an ellipsoid, number of normals from a given point to an ellipsoid, Cone through six normals, Conjugate diameter and diametrical planes and their properties. Cone as a Central surface. Paraboloids.

Recommended books:-

S. No	Name	Author(S)	Publisher
1	Matrix and Linear Algebra	K.B. Dutta	Prentice Hall of India Pvt. Ltd., New Delhi(2002).
2	Differential Calculus	Narayan S.	Sultan Chand & Sons
3	Plane Trigonometry Part-II	S.L. Loney	Macmillan and Company, London.
4	Differential and Integral Calculus	N. Piskunov	Peace Publishers, Moscow
5	Differential Calculus	Gorakh Prasad	Pothishala Pvt. Ltd., Allahabad
6	A text book of Analytical Geometry of two dimensions	P.K Jain and Khalil Ahmed	Wiley Eastern Ltd, 1994

PSYCHOLOGY-I (PRACTICAL)

Course Code	PSY103-19
Course Title	Psychology-I (Practical)
Type of course	Practical
L T P	0: 0:2
Credits	1
Course prerequisite	NA
Course Objective (CO)	After the completion of the course, students will be able to administer and interpret various psychological tests.

Four Practicals have to be performed out of six—

- I. Measurement of Emotions
- II. Measurement of Motivation
- III. Simple Reaction Time
- IV. Zeigarnik Effect
- V. Level of Aspiration
- VI. Survey Method

Reference Books:

S. No.	Author(S)	Year	Title	Publisher
1	Bhargava, V.P.	2000	Manual for Achievement Motive Test (ACMT)	National Psychological Corporation, Agra
2	Bhargava, Vivek	1998	Manual for Recall of Completed and Incompleted Tasks (Zeigarnik effect)	Ankur Psychological Agency, Lucknow
3	Bhargava, Mahesh & Shah, M.A	2006	Manual for Level of Aspiration Measure	National Psychological Corporation, Agra
4	Baron, R.A.	1996	Psychology	Prentice Hall of India, New Delhi
5	Ciccarelli, D.	2008	Introduction to Psychology	Pearson Publications, Delhi
6	Jain, Shashi	2000	Introduction to Psychology	Kalyani Publications, Ludhiana
7	Morgan, G.T., King, P.A., Weisz, T.R. & Schopler, J.	1999	Introduction to Psychology	Mcgraw Hill Book Co., New York.

PHYSICAL EDUCATION-I (PRACTICAL)

Course Code	PED103-19
Course Title	Physical Education-I (Practical)
Type of Course	Practical
L T P	0 :0:2
Credits	0:0:1
Course pre-requisite	NA

- I. Practical (External) Marks: 40
- II. Division of Marks: Athletics (12) + Games (12) +Ground Markings (3+3),
- III. Practical Note Book (5), Viva-Voce (5)
- IV. Athletics Performance ————— 100M, Shot-put for Boys
- V. 100M, Shot-put for Girls
- VI. Games (Boys & Girls) ——— Fundamentals, Rules, Performance
- VII. Volleyball
- VIII. Cricket



MUSIC (VOCAL)-I (PRACTICAL)

Course Code	MUC103-19
Course Title	Music Vocal-I(Practical)
Type of course	Practical
L T P	0:0:4
Credits	2
Course prerequisite	NA
Course Objectives (CO)	The students will be able to understand the need, content and process and basic guidelines of music. The students will be able to develop right understanding for music. The students will be able to realize the significance of music.

List of Practical

- I. Bageshri, Darbari Kanada, Dhanyasi, Kafi
- II. Talas: ektal, rupak, talwara
- III. One shabad
- IV. One folk song
- V. One Gazal
- VI. One tarana of any ragas
- VII. Sing with tanpura
- VIII. Knowledge of one vilamvat kiyal

Text and Reference books:

S. No.	Author(S)	Title	Publisher
1	Devinder kaur	Sangeet roop	Avam Vadya Sangeet Kanishka Publishers , New Delhi
2	Shanti goverdhan	Sangeet darpan	Howdery Roshan Press

GENERAL ENGLISH-II

Course Code	ENG102-19
Course Title	General English-II
Type of Course	Theory
L T P	3:0:0
Credits	3
Course Pre-requisite	NA
Course Objective (CO)	<ol style="list-style-type: none"> 1. The students will do intensive and extensive reading of the prescribed texts. 2. The students will assimilate new words and use them in communicative context. 3. The students will apply the knowledge of modals, voice, reported speech and auxiliary verbs in written and oral context.

UNIT I

Tales of Life: The Doll's House (Katherine Mansfield), Eveline (James Joyce)
 Prose for Young Learners: The School For Sympathy (E.V. Lucas) AIDS (U.N.Report)

UNIT II

Tales of Life: The Taboo (Victor Astafyev) ,A Strand of Cotton (Suneet Chopra)
 Prose for Young Learners: Beauty And The Beast (R.K.Narayan), With A Song On Their Lips (Hugh & Colleen Gantzer)

UNIT-III

Tales of Life: Toba Tek Singh (Saadat Hassan Manto)
 Prose for Young Learners: My Financial Careers (Stephen Leacock)

UNIT-IV

English Grammar in Use: Unit 26 to 52

Text and Reference books:

S.N o.	Author(S)	Title	Publishers
1	Singh, S	Tales of Life	Press and Publication Department, Guru Nanak Dev University, Amritsar.
2	Tewari, A. K, Midha,V.K, Sharma, R.K	Prose For Young Learners	Publication Bureau, Guru Nanak Dev University, Amritsar
3	Murphy, R	English Grammar in Use	Cambridge University Press

GENERAL PUNJABI-II

Course Code	PBI102-19
Course Title	General Punjabi-II
Type of Course	Theory
L T P	3:0:0
Credits	3
Course Prerequisite	NA
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਹਾਣੀਕਾਰਾਂ ਦੀ ਜੀਵਨੀ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਹਾਣੀ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਰੇਖਾ ਚਿੱਤਰਾਂ ਦਾ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ। 4. ਵਿਦਿਆਰਥੀ ਮੁਹਾਵਰੇ, ਅਖਾਣਾਂ ਦੀ ਢੁੱਕਵੀਂ ਵਰਤੋਂ ਕਰਨਾਂ ਸਿੱਖ ਜਾਣਗੇ।

ਭਾਗ- ਓ

ਪੰਜਾਬੀ ਨਿੱਕੀ ਕਹਾਣੀ: ਭੂਆ (ਨਾਨਕ ਸਿੰਘ), ਬਾਗੀ ਦੀ ਧੀ (ਗੁਰਮੁਖ ਸਿੰਘ ਮੁਸਾਫ਼ਿਰ), ਪੇਮੀ ਦੇ ਨਿਆਣੇ(ਸੰਤ ਸਿੰਘ ਸੇਖੋਂ), ਬਾਗਾਂ ਦਾ ਰਾਖਾ(ਸੁਜਾਨ ਸਿੰਘ), ਤੈਂ ਕੀ ਦਰਦ ਨਾ ਆਇਆ(ਕਰਤਾਰ ਸਿੰਘ ਦੁੱਗਲ), ਧਰਤੀ ਹੇਠਲਾ ਬੋਲਪ(ਕੁਲਵੰਤ ਸਿੰਘ ਵਿਰਕ), ਦੂਜੀ ਵਾਰ ਜੇਬ ਕੱਟੀ ਗਈ(ਨਵਤੇਜ ਸਿੰਘ), ਲਛਮੀ(ਪ੍ਰੇਮ ਪ੍ਰਕਾਸ਼), ਬੁੱਤ ਸ਼ਿਕਨ(ਅਜੀਤ ਕੌਰ), ਬੱਸ ਕੰਡਕਟਰ(ਦਲੀਪ ਕੌਰ ਟਿਵਾਣਾ)।

ਭਾਗ- ਅ

ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ (ਲੇਖ): ਸਤੀਸ਼ ਗੁਜਰਾਲ, ਗੁਰਚਰਨ ਸਿੰਘ, ਠਾਕੁਰ ਸਿੰਘ, ਬਲਰਾਜ ਸਾਹਨੀ, ਸੁਰਿੰਦਰ ਕੌਰ।

ਭਾਗ- ਬ

ਸ਼ਬਦ ਬਣਤਰ ਅਤੇ ਸ਼ਬਦ ਰਚਨਾ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਮੁੱਢਲੇ ਸੰਕਲਪ

ਭਾਗ- ਸ

ਪੈਰ੍ਹਾ ਰਚਨਾ, ਮੁਹਾਵਰੇ ਅਤੇ ਅਖਾਣ।
ਪੈਰ੍ਹਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦੇਣਾ।

ਹਵਾਲਾ ਅਤੇ ਪਾਠ- ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਫੁਸਤਕ	ਪਬਲਿਸ਼ਰਜ਼
ਸੰਪਾਦਕ, ਢਿੱਲੋਂ; ਹ.ਸ. ਅਤੇ ਸਰਗੋਪੀਆ, ਪ.ਸ.	2014	ਦੋ ਰੰਗ	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ
ਗਾਰਗੀ, ਬ.	1995	ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ
ਸਿੰਘ, ਹ.	1966	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਸਿੰਘ, ਤ.	2014	ਪੰਜਾਬੀ ਅਧਿਆਪਨ	ਐੱਸ. ਜੀ. ਪਬਲਿਸ਼ਰਜ਼, ਜਲੰਧਰ
ਸੇਖੋਂ, ਸ.ਸ. ਅਤੇ ਸੇਖੋਂ, ਮ.ਕ.	2015	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਅਧਿਆਪਨ	ਕਲਿਆਣੀ ਪਬਲਿਸ਼ਰਜ਼, ਲੁਧਿਆਣਾ

HISTORY AND CULTURE OF PUNJAB -II

Course code	HCP 102-19
Course title	History And Culture Of Punjab –II
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course objectives (CO)	<ol style="list-style-type: none">1. The Student will acquire the knowledge Of Mauryan Empire.2. The Student will understand the impact of Buddhism & Jainism on Punjab.3. To aware the learners Depiction of Punjab in the accounts of Chinese travelers.

Unit-I

The Mauryan Empire: Social, Economic and Religious life, Buddhism and Jainism: Impact on Punjab with special reference to 4th Buddhist Council., The Kushanas: Impact of Kanishka's rule on Punjab.

Unit-II

Gandhara School of Art: Salient features, The Guptas: Cultural and Scientific Developments. Position of Women: Under the Mauryas, the Guptas and the Vardhanas.

Unit-III

Depiction of Punjab in the accounts of Chinese travelers. Fahien and Hwen Tsang. Main developments in literature, Education: Significant Developments: Taxila.

UNIT IV

Society and Culture on the eve of the Turkish invasion of Punjab, Punjab in the Kitab-ul-Hind of Alberuni, Important Historical places: Lahore, Multan Bathinda, Uchh, Jalandhar, Thanesar, Kangra, Taxila, Kundalvana, Pehowa, Thatta.

Text and References Books:

S.NO.	Author's	Title	Publisher
1	Sukhdev Sharma	History And Culture Of Punjab	New Academic Publisher
2	Romila Thapar	A History of India, Vol. I	Penguin Books
3	L.M.Joshi	History and Culture of the Punjab, Vol. I	Punjabi University, Patiala

ਮੁਢਲੀ ਪੰਜਾਬੀ

Course Code	PBI106-19
Course Title	ਮੁਢਲੀ ਪੰਜਾਬੀ-II
Type of Course	Theory
L T P	3:0:0
Credits	3
Course Pre-requisite	B.A.
Course Objectives (CO)	ਵਿਦਿਆਰਥੀ: ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਸੰਬੰਧੀ ਸਮਝ ਪ੍ਰਾਪਤ ਕਰਨਗੇ। ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀਆਂ ਪ੍ਰਵਿਰਤੀਆਂ ਸੰਬੰਧੀ ਜਾਣੂ ਹੋ ਜਾਣਗੇ। ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਅਰਥਾਂ ਨੂੰ ਸਮਝ ਸਕਣਗੇ। ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਕਾਸ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰ ਲੈਣਗੇ।

ਭਾਗ ਪਹਿਲਾ

(ੳ) ਅਗੇਤਰ ਪਿਛੇਤਰ

(ਅ) ਵਾਕ ਬਣਤਰ : ਸਾਧਾਰਨ, ਸੰਯੁਕਤ, ਮਿਸ਼ਰਤ, ਬਿਆਨੀਆਂ, ਹੁਕਮੀ ਸਕੈ ਸ਼ਨ-ਡੀ

ਭਾਗ ਦੂਸਰਾ

(ੳ) ਮੁਹਾਵਰੇ

(ਅ) ਅਥਾਣ

ਭਾਗ ਤੀਸਰਾ

(ੳ) ਕਥਾ ਤੇ ਕਹਾਣੀ-ਪਾਠ ਅਤੇ ਵਿਆਖਿਆ

(ਅ) ਗੀਤ ਤੇ ਲੋਕ ਗੀਤ- ਪਾਠ ਅਤੇ ਵਿਆਖਿਆ

ਭਾਗ ਚੌਥਾ

(ੳ) ਗੁਰਮੁਖੀ ਲਿਪੀ ਦੀਆਂ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ

(ਅ) ਗੁਰਮੁਖੀ ਲਿਪੀ ਅਤੇ ਹੋਰ ਭਾਸ਼ਾਵਾਂ

ਸਹਾਇਕ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1971	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਇਤਿਹਾਸ (ਭਾਗ ਪਹਿਲਾ)	ਭਾਸ਼ਾ ਵਿਭਾਗ, ਪੰਜਾਬ, ਪਟਿਆਲਾ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1974	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ	ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ, ਲੁਧਿਆਣਾ
ਹਰਕੀਰਤ ਸਿੰਘ	1976	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਆਲੋਚਨਾਤਮਕ ਇਤਿਹਾਸ	ਪੈਪਸੂ ਬੁੱਕ ਡਿਪੋ, ਪਟਿਆਲਾ
ਰਾਮ ਸਿੰਘ	2000	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਕਾਸ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀ, ਅੰਮ੍ਰਿਤਸਰ

ਸੰਬੰਧਿਤ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਸਿੰਘ; ਜੀ. ਬੀ.	1950	ਗੁਰਮੁਖੀ ਲਿੱਪੀ ਦਾ ਜਨਮ ਅਤੇ ਵਿਕਾਸ	ਪੰਜਾਬ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜ੍ਹ
ਸਿੰਘ; ਹ.	1966	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ



VALUE EDUCATION

Course Code	SSC102-19
Course Title	Value Education
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. The students will be able to understand the need, content and process and basic guidelines of value education. 2. The students will be able to develop right understanding for right living. 3. The students will be able to realize the significance of values for sustainable development.

UNIT-I

Concept and purpose of Value Education.

Continuous happiness and prosperity as basic human aspirations

UNIT-II

Right understanding, relationship and physical facilities as the basic requirements for fulfillment of human aspirations, Method to fulfill human aspirations.

Understanding human being as a co-existence of the self and the body

UNIT III

Correct appraisal of physical needs.

Trust and respect as the foundational values of relationship

UNIT-IV

Extending relationship from family to society

Comprehensive human goals

Programs needed to achieve the comprehensive human goal

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	R .R Gaur,R. Sangal and G. P. Bagaria	A Foundation Course In Human Values And Professional Ethics	Excel Books
2	M .G. Chitkara	Education and Human Values	APH Publishing Corporation, Darya Ganj, New Delhi.
3	R. P. Sharma & Madhulika Sharma	Value Education And Professional Ethics	Kanishka Publisher, New Delhi

HISTORY- II

Course Code	HIS102
Course Title	History- II
Type of course	Theory
L T P	4: 0: 0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	After the completion of the course, students will be able to: <ol style="list-style-type: none">1. Explain various issues of medieval History2. Understand the basic features and characteristics of medieval History3. Analyse development of Indian culture, arts and drama.

UNIT I

The Conquests of the Ghaznavis and Ghauris: Political condition of India; Effects of Mahmud Ghaznavi's invasions; their effects, Battles of Muhammad Ghauri, Causes of the success of the Turks.

Establishment of the Sultanate of Delhi: Political and military development under Qutabuddin Aibak, Iltutmish; Consolidation of the Sultanate under Balban.

UNIT II

The Khiljis: Emergence of the Khiljis under Jalaluddin and Alauddin Khilji; Treatment of the nobility; Land revenue reforms; Economic reforms.

The Tughlaqs: experiments of Muhammad-bin-Tughlaq and its impacts; Feroze Tughlaq; Administrative and economic policies and their effects; The Vijaynagar Kingdom: Establishment and expansion; Polity, Economy and Administration.

UNIT III

Mughal-Afghan Struggle (1526-1556): Political condition of India; Advent of the Mughals under Babur; Battle of Panipat and its aftermath; expansion of the Afghan power under Sher Shah Suri, Administrative reforms;

The Mughal Empire: extent of empire under Akbar, Religious and Rajput policies of Akbar, Expansion and Decline under Akbar's Successors.

UNIT IV

The establishment of Maratha Power: The rise of Shivaji, Maratha administration, Land Revenue system; Chauth and Sardeshmukhi.

The Mughal Government, Administration and Culture: Position of the King: Central and administration; Land revenue system; Mansabdari; Jagirdari; State policy towards agriculture, Trade and Commerce, Literature, Art and Architecture and Culture.

Map:- Important Historical Places: Lahore, Delhi, Agra, Mathura, Fatehpur Sikri, Chittor, Jaipur, Udaipur, Panipat, Lucknow, Ahmednagar, Poona, Surat, Golkunda, Bijapur, Daultabad.

Text and reference books:

S. No	Author(S)	Title	Publisher
1	L.P .Sharma	Advanced Study of Medieval India	Sterling Publishers Pvt.Ltd. New Delhi
2	J.L.Mehta	History of Medieval India	Konark Publisher Pvt. Ltd. New delhi
3	R.S. Chaurasia	Medieval History of India.	Kings Books , New Delhi.



POLITICAL SCIENCE-II

Course Code	PLS102-19
Course Title	Political Science-II
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. The students will understand the political Culture & Agencies of Socialization. 2. The students will understand interrelationship between Liberty and Equality. 3. The students will acquire knowledge of Democracy & Its Theories.

Unit-I

Power, Authority, Legitimacy: Meaning and Characteristics, Political Culture: Meaning, Characteristics and Types, Political Socialization: Meaning, Characteristics and Agencies.

Unit-II

Rights & Duties: Meaning, Types and Co-relation between the two.

Universal Declaration of Human Rights: Meaning of Human Rights, Nature and Characteristics.

Unit-III

Liberty: Meaning, Types & its Safeguards, Equality: Meaning, Types and Relationship between Liberty and Equality, Justice: Meaning and its various Dimensions.

Unit-IV

Social Change: Meaning, Characteristics and Factors, Democracy: Meaning, types, Necessary conditions for the Success of Democracy, Theories of Democracy: Elite and Marxian.

Text and References Books:

S.NO.	Author's	Title	Publisher
1	J.C.Johari,	Principles of Political Science	Sterling Publishers, New Delhi.
2	A.C.Kapur	Principles of Political Science	S. Chand & Company, New Delhi.
3	S.P. Verma	Political Theory	Geetanjali Publishing House, New Delhi.

EDUCATION –II

Course Code	EDU140-19
Course Title	Education-II
Type of course	Theory
L T P	4 : 0: 0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. To enable the students to understand the concept of Educational Philosophy and Philosophy of Education.2. To enable the students to understand major Philosophies and their Educational implications.3. To enable the students to understand the concept of educational sociology and sociology of education.4. To enable the students to understand the education for democracy and national integration.

UNIT–I

Philosophy of Education- Meaning, nature and scope, Relationship between philosophy & education.

Difference between philosophy of education & educational philosophy.

UNIT–II

Impact of Philosophy on different aspects of education.

Schools of philosophy— Main features & contribution of Idealism, Naturalism and Pragmatism to Education.

UNIT–III

Meaning, nature & scope of sociology and educational sociology.

Relationship between sociology & education, Impact of sociology on different aspects of education.

UNIT–IV

Agencies of education--Home, school, Community & Mass-media.

Education for national integration and democratic citizenship.

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Walia, J.S.	2010	Philosophical and Sociological Basis of Education	Paul Publishers, Jalandhar
2	Bhatia and Narang	1992	Philosophical and Sociological Foundations of Education	Doaba House, New Delhi

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Walia, J.S.	2002	Modern Indian Education and its problems	Paul Publishers, Jalandhar
2	Bhatia and Narang	1986	Theory and Principles of Education	Parkash Brothers, Ludhiana
3	Prasad and Chandra	2006	Sociological Foundations of Education	Deepak KSK Publishers, Delhi
4	Sodhi, T.S	2007	Philosophical and Sociological Foundations of Education	Bawa Publications, Patiala
5	Taneja, V.R	2006	Foundation of Education	Mahindra Capital, Chandigarh
6	Taneja. V.R.	1983	Socio-Philosophical Approach to Education	Atlantic Publishers, Delhi
7	Sodhi, T.S	2007	Philosophical and Sociological Foundations of Education	Bawa Publications, Patiala



PHYSICAL EDUCATION-II (THEORY)

Course Code	PED102-19
Course Title	Physical Education-II (Theory)
Type of Course	Theory
L T P	3:0:0
Credits	3
Course pre-requisite	NA
Course Objectives	After the completion of the course, students will be able to: <ol style="list-style-type: none">1. Understand the various system of human body.2. Explain the Nutrition.3. Understand the Health Education.4. Gain knowledge about Personal Hygiene.5. Understand the first aid.6. They will be able to understand about Pollution.7. Understand the Communicable Disease.

UNIT-I

Cell :Structure and Functions, Skeletal System : Types of bones, names of the various bones of the body, Various types of Joints.

Muscular System : Various types of muscles, structure of skeletal muscles.

Digestive system : It's organs and mechanism of digestion.

UNIT-II

Nutrition : Elements of balanced diet, Functional Diet/Food

Meaning and scope of health education. Hygiene problems of educational institutions and their remedial measures.

Personal hygiene; Care of eyes, teeth, ears, skin, hair and nail.

UNIT-III

Air and water pollution and its remedial measures.

First aid in case of snake bite, drowning, electric shock, burns, fracture, dislocation, sprain and strain.

UNIT-IV

Effects of Alcohol and smoking on health, Doping in sports.

Communicable Diseases: Mode of transmission, prevention and control of tuberculosis, hepatitis (A & B), Rabies and HIV/AIDS.

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	R.D. Kansal	2015	Physical Education and Sports	Kalyani Publishers Ludhiana

Reference Books—

S. No.	Author(S)	Year	Title	Publisher
1	Kang G.S. and Deol N.S	2008	An Introduction to Health and Physical Education	21st Century, Patiala,.
2	Kang G.S	2000	Anatomy, Physiology and Health Education	Publication Bureau, Punjabi University, Patiala,.
3	John Raynor	1983	Anatomy and Physiology	New York, Harper & Row
4	Parror, J.W	1983	Anatomy and Physiology for Physical Education Teachers	Lend; Edward Arnold Healthful Living McGraw Hill.
5	Dhillon G.K	1998	Health Education	Punjab Text Book



PSYCHOLOGY-II (THEORY)

Course Code	PSY102-19
Course Title	Psychology-II (Theory)
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. The students will understand theories of Personality and Intelligence. 2. The students will analyze the role of heredity and environment in development. 3. The students will understand the use of elementary statistics.

UNIT-I

Intelligence- Concept, Theories of Intelligence—Spearman, Thurstone, Cattell, Guilford, Measurement of Intelligence (Verbal and Non Verbal Tests, Individual and Group Tests).

UNIT-II

Growth and Development- Concept, Difference between growth and development, Principles of development, Relative Role of Heredity and Environment in Development, Erickson and Piaget's theory of development

UNIT-III

Personality- Concept of Personality, Theories of Personality (Freud, Allport, Cattell, Eysenck), Assessment of Personality

UNIT-IV

Measures of Central Tendency- Arithmetic Mean, Median, Mode with their merits and demerits, Measures of Variability—Range, Average deviation, Standard deviation with their merits and demerits.

Recommended Books:

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Jain, Shashi	2000	Introduction to Psychology	Kalyani Publications, Ludhiana
2	Morgan, G.T., King, P.A., Weisz, T.R. & Schopler, J.	1999	Introduction to Psychology	Mcgraw Hill Book Co., New York.

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Baron, R.A.	1996	Psychology	Prentice Hall of India, New Delhi
2	Ciccarelli, D.	2008	Introduction to Psychology	Pearson Publications, Delhi

ENGLISH (ELECTIVE)-II

Course Code	ENG112-19
Course Title	English(Elective)-II
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. Students will demonstrate familiarity with major authors, works, genres 2. Students will demonstrate the ability to read, write, and think critically 3. Students will use transcription conventions appropriately when transcribing words

UNIT-I

The Vendor of Sweets—Detailed analysis of the complete Text

UNIT II

The School for Scandal—Complete Text

UNIT III

Literary Terms: Burlesque, Elegy, Hyperbole, Metaphor, Poetic Justice, Point of view, Dramatic Monologue and Tragicomedy

UNIT IV

Transcription of Words: garage, data, menu, hello, cadet, exit, rebel (n), rebel (v), conduct(n), conduct (v), consume, idiot, depot, madam, handsome, petrol, perfect (adj.), perfect (v), vehicle, healthy, wealthy, police, sandwich, career, talent

Texts & Recommended Books:

S. No.	Author(S)	Year	Title	Publisher
1	Narayan ,R.K	2010	The Vendor of Sweets	Penguin Books India
2	Sheridan	1991	The School for Scandal	Dover Publications
3	Abrams, M.H.	2008	Glossary of Literary Terms	Wadsworth CENGAGE Learning Publishers

PUNJABI (ELECTIVE)-II

Course Code	PBI104-19
Course Title	Punjabi (Elective)-II
Type of Course	Theory
L T P	4:0:0
Credits	4
Course Prerequisite	N.A
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਇਤਿਹਾਸ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਦੀ ਤਕਨੀਕੀ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀਆਂ ਵੱਖ-ਵੱਖ ਵਿਧਾਵਾਂ ਨੂੰ ਮਾਨਣਯੋਗ ਹੋ ਜਾਣਗੇ। 4. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਸਾਹਿਤ ਦਾ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ।

ਭਾਗ-ਉ

ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ(1901-1995)
 ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਗਲਪ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ
 ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਨਾਟਕ ਅਤੇ ਇਕਾਂਗੀ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ

ਭਾਗ-ਅ

ਪੰਜਾਬੀ ਆਲੋਚਨਾ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ
 ਆਧੁਨਿਕ ਕਾਵਿ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ
 ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਵਾਰਤਕ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ

ਭਾਗ-ੲ

ਨਾਵਲ, ਕਹਾਣੀ,
 ਨਾਟਕ, ਇਕਾਂਗੀ

ਭਾਗ-ਸ

ਨਜ਼ਮ, ਗੀਤ,
 ਗਜ਼ਲ, ਰੁਬਾਈ
 ਰਸ, ਅਲੰਕਾਰ

ਪਾਠ ਅਤੇ ਹਵਾਲਾ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰ
ਸੰਪਾਦਕ, ਸਿੰਘ, ਜ. ਤੇ ਸਿੰਘ, ਮ.	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ(1901-1995)	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਸਿੰਘ, ਸ.	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦਾ ਕਾਵਿ ਸ਼ਾਸਤਰ	ਆਰਸੀ ਪਬਲਿਸ਼ਰਜ਼
ਸਿੰਘ; ਹ.	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਤਰਸੇਮ, ਸ.	ਪੰਜਾਬੀ ਗਜ਼ਲ ਸ਼ਾਸਤਰ	ਸੰਗਮ ਪਬਲੀਕੇਸ਼ਨਜ਼, ਸਮਾਣਾ
ਤਰਸੇਮ, ਸ.	ਗਜ਼ਲ: ਅਰੂਜ਼ ਤੇ ਪਿੰਗਲ	ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ, ਲੁਧਿਆਣਾ
ਸਿੰਘ, ਪ.ਪ.	ਕਾਵਿ ਦੇ ਤੱਤ	ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ, ਲੁਧਿਆਣਾ

MUSIC VOCAL –II (THEORY)

Course Code	MUC102-19
Course Title	Music Vocal-II (Theory)
Type of course	Theory
L T P	2:0:0
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The students will be able to understand the need, content and process and basic guidelines of music.2. The students will be able to develop right understanding for music.3. The students will be able to realize the significance of music.

UNIT-I

Origin and development of Gurmat Sangeet.

Defination of following: swar, spatak, kan, saurti,vadi

UNIT-II

Essey on following: folk music of panjab.

Importance of Gharana System.

UNIT-III

Talas: ektal, rupak, talwara.

UNIT-IV

Life-sketches and contribution: Tara Singh, Onkar Nath Thakur, Pt. Ravi Shankar.

Describe the time theory of Indian Music.

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	Dr. s.d Sharma	Sangeet usha	Avam Vadya Sangeet Kanishka Publishers , New Delhi
2	Pt.bhat khande	Indian Music	Howdery Roshan Press

ECONOMICS-II

Course Code	ECO102-19
Course Title	Economics-II
Type of Course	Theory
LTP	4: 0:0
Credits	4
Course pre-requisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. Understand the principles of macroeconomics. 2. To enable the student teachers to Understand the basic theories of determination of income, consumption, investment, employment, money and interest, inflation, Monetary and Fiscal policies, and business cycles. 3. To be able to perform simple analysis of market for production inputs

UNIT-I

Introduction: Nature, Meaning and Scope of Macro-Economics.

Consumption Function: Average and Marginal Propensity to Consume, Keynes' Psychological Law of Consumption.

Investment Function: Types of Investment, Investment Demand Schedule and Factors Affecting Investment Decisions, Marginal Efficiency of Capital, Static and Dynamic Multiplier.

UNIT-II

Determination of Income and Employment: Classical and Keynesian Theories of Income, Output And Employment, Say's Law of Markets. Principle of Effective Demand.

UNIT-III

Money and Banking: Money: Definition, Functions and Role Quantity Theory of Money: Fisher's Equation and Cambridge Equation, Keynesian Liquidity Preference Theory.

Banking: Major Functions of Commercial Banks and Process of Credit Creation.

UNIT-IV

Inflation and Macro-Economic Policies: Cost-push and Demand-pull Theories of Inflation, Measures to Control Inflation. Monetary and Fiscal Policies for Stabilization.

Trade Cycle: Meaning and Phases.

Text and reference Books:

S.NO.	Author(S)	Title	Publisher
1.	Dernburg, T.F. & McDouga	Macro Economic	McGraw Hill, New York
2.	Vaish, M.C	Macro Economic Theory	Oxford University, Press, New Delhi
3.	Ackley, Gardner	Macro Economic Theory	McMillan, , New York
4.	Ahuja, H.L	Macroeconomics Theory and Policy	S.Chand Pub. New Delhi

MATHEMATICS –II

Course Code	MAT102-19
Course Title	Mathematics –II
Type of course	Theory
L T P	6:0:0
Credits	6
Course prerequisite	NA
Course Objectives	1. It develops the techniques to simplify algebraic expressions using commutative, associative and distributive properties. It inculcates skills in students to use the knowledge of vector analysis in the application includes temperature, pressure etc

UNIT-I

Algebra-II Eigen values, Eigen vectors, minimal and the characteristic equation of a matrix. Cayley Hamilton theorem and its use in finding inverse of a matrix. Relations between the roots and coefficients of general polynomial equation in one variable. Transformation of equations and symmetric function of roots, Descarte's rule of signs, Newton's Method of divisors, Solution of cubic equations by Cardon method, solution of biquadratic

UNIT-II

Integral calculus Integration of hyperbolic functions. Reduction formule. Definite integrals. Fundamental theorem of integral calculus. Inequalities involving integrals. Quadrature, rectification volumes and surfaces of solids of revolution.

UNIT-III

Ordinary Differential Equations Degree and order of differential equations, equations of first order and first degree. Equations in which the variables are separable. Homogeneous equations. Exact differential equations. First order and higher degree equations solvable for x, y, p. Clairaut's form and singular solutions. Geometrical meaning of a differential equation. Orthogonal trajectories. Linear differential equations with constant and variable coefficients. Variation of Parameters method

UNIT-IV

Vector Analysis Vector Algebra. Operations with vectors. Scalar and vector product of three vectors. Product of four vectors. Reciprocal vectors. Vector Calculus. Scalar-valued functions over the plane and the space. Vector function of a scalar variable: Curves and Paths. Vector fields. Vector differentiation. Directional derivatives, the tangent plane, and total differential, gradient, divergence, and curl. Vector integration: Path, line, surface, and volume integrals. Line integrals of linear differential forms, integration of total differentials, conservative fields, conditions for line integrals to depend only on the endpoints, the fundamental theorem on exact differentials. Theorems of Green, Gauss, Stokes (without proof), and problems based on these.

Recommended books:-

S. No	Name	Author(S)	Publisher
1	Integral Calculus	Narayan, S	Sultan Chand & Sons.
2	Introductory Course in Differential Equations	D.A. Murray	Orient Longman (India), 1967
3	Integral Calculus	Gorakh Prasad	Pothishala Pvt. Ltd., Allahabad.
4	Matrix and Linear Algebra	K.B. Dutta	Prentice Hall of India Pvt. Ltd., New Delhi (2002).
5	An Introduction to Ordinary Differential Equations,	E.A. Codington	Prentice Hall of India, 1961.



PSYCHOLOGY-II (PRACTICAL)

Course Code	PSY104-19
Course Title	Psychology-II (Practical)
Type of course	Practical
L T P	0:0:2
Credits	1
Course prerequisite	NA
Course Objective (CO)	<ol style="list-style-type: none">1. The students will be able to understand the basic concepts of psychological tools.2. The students will be able to administer the psychological tests.3. The students will be able to analyze and interpret the psychological tests.

Four Practicals have to be performed out of six—

1. Verbal Test of Intelligence
2. Non- Verbal Test of Intelligence
3. Dimensional Personality Inventory (DPI)
4. Eysenck Personality Questionnaire-Revised
5. Interest Inventory
6. Aptitude Test

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Jain, Shashi	2000	Introduction to Psychology	Kalyani Publications, Ludhiana
2	Morgan, G.T., King, P.A., Weisz, T.R. & Schopler, J.	1999	Introduction to Psychology	Mcgraw Hill Book Co., New York.

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Baron, R.A.	1996	Psychology	Prentice Hall of India, New Delhi
2	Ciccarelli, D.	2008	Introduction to Psychology	Pearson Publications, Delhi
3	Jalota, S.S	1986	Manual for Test of Intelligence for special studies	National Psychological Corporation, Agra
4	Kulshrestha, S.P	2004	Manual for Educational Interest Record (EIR)	National Psychological Corporation, Agra
5	Bhargava, Mahesh	2002	Dimensional Personality Inventory (DPI)	Nandini Enterprises, Agra

PHYSICAL EDUCATION-II (PRACTICAL)

Course Code	PED104-19
Course Title	Physical Education-II (Practical)
Type of Course	(Practical)
L T P	0:0:2
Credits	1
Course pre-requisite	NA

- I. Practical (External) Marks: 40
- II. Division of Marks: Athletics (12) + Games (12) +Ground Markings (3+3),
- III. Practical Note Book (5), Viva-Voce (5)
- IV. Athletics Performance ————— 100M, Long Jump for Boys
- V. 100M, Long Jump for Girls
- VI. Games (Boys & Girls)—— Fundamentals, Rules, Performance
- VII. Handball and Kho-Kho
- VIII. Kho-Kho



MUSIC VOCAL-II (PRACTICAL)

Course Code	MUC104-19
Course Title	Music Vocal-II (Practical)
Type of course	Practical
L T P	0:0:4
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The students will be able to understand the need, content and process and basic guidelines of music.2. The students will be able to develop right understanding for music.3. The students will be able to realize the significance of music.

List of Practical

- I. Ragas:khamj,bhimpalsi,chander kouse
- II. Talas:depchadi,rupak,talwara
- III. One shabad
- IV. One folk song
- V. One Gazal
- VI. One tarana of any ragas
- VII. Sing with tanpura
- VIII. Knowledge of one vilamvat kiyal

Text and References:

S. No.	Author(S)	Title	Publisher
1	Devinder kaur	Sangeet roop	Avam Vadya Sangeet Kanishka Publishers New Delhi
2	Shanti goverdhan	Sangeet darpan	Howdery Roshan Press

GENERAL ENGLISH-III

Course Code	ENG201-19
Course Title	General English-III
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. To enable the students to do intensive and extensive readings. 2. To develop aesthetic sense among students by reading and enjoying poetry. 3. To acquaint the learners with new vocabulary.

Unit I

Text 1 Making Connections: Unit I World Health in Twenty first Century

Reading 1 Heart Disease and Changing attitudes, Reading II Cardiovascular Disease

Text II Moments in Time: An Anthology of Poems: Poem 1, 2

Text III English Grammar in Use (Fourth Edition) by Raymond Murphy: Unit 53 to 60

Unit II

Text 1 Making Connections: Unit I World Health in Twenty first Century

Reading III Medicine and Genetic Research: Promise and Problems, Reading IV Aids.

Text II Moments in Time: An Anthology of Poems: Poem 3, 4

Text III English Grammar in Use (Fourth Edition) by Raymond Murphy: Unit 61 to 68

Unit III

Text 1 Making Connections: Unit II Living in multicultural Society

Reading I The age of immigration Reading II Who are today's immigrants?

Text II Moments in Time: An Anthology of Poems: Poem 5,6

Text III English Grammar in Use (Fourth Edition) by Raymond Murphy: Unit 69 to 76

Unit IV

Text 1 Making Connections: Unit II Living in multicultural Society

Reading III Views on multiculturalism Reading IV Experimental evidence on the nature of prejudice.

Text III English Grammar in Use (Fourth Edition) by Raymond Murphy: Unit 76 to 81

Text and Reference books:

Sr No	Author(s)	Title	Publisher
1	Kenneth J. Pakenham	Making Connections	GNDU, Amritsar
2	Edited by Rita Chaudary ,Mohinder Sangita,Sunita Dhillon	Moments in Time	GNDU, Amritsar
3	Raymond Murphy	English Grammar in Use	Cambridge University Press New Delhi

GENERAL PUNJABI-III

Course Code	PBI201
Course Title	General Punjabi-III
Type of Course	Theory
L T P	3:0:0
Credits	3
Course Prerequisite	N.A
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੇ ਇਤਿਹਾਸ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਇਕਾਗੀ ਦੀ ਤਕਨੀਕੀ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵੱਖ-ਵੱਖ ਰੂਪਾਂ ਨੂੰ ਮਾਨਣਯੋਗ ਹੋ ਜਾਣਗੇ। 4. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਸਾਹਿਤ ਦਾ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ।

ਭਾਗ-ੳ

ਕਾਵਿ ਕੀਰਤੀ (ਸੰਪਾ. ਹਰਿਭਜਨ ਸਿੰਘ): ਗਤੀ ਅਤੇ ਪ੍ਰਗਤੀ ਭਾਗ

ਭਾਗ-ਅ

ਆਧੁਨਿਕ ਇਕਾਗੀ: ਸੁਹਾਗ, ਜ਼ਫ਼ਰਨਾਮਾ, ਬੰਬ ਕੇਸ

ਭਾਗ-ੲ

ਸੰਖੇਪ ਰਚਨਾ (ਪ੍ਰੈਸੀ)

ਮੂਲ ਵਿਆਕਰਣ ਇਕਾਈਆਂ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਵੰਨਗੀਆਂ

ਭਾਗ-ਸ

ਭਾਵੰਸ਼, ਸ਼ਬਦ, ਵਾਕੰਸ਼, ਉਪ-ਵਾਕ ਅਤੇ ਵਾਕ

ਹਵਾਲਾ ਅਤੇ ਪਾਠ-ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਫੁਸਤਕ	ਪਬਲਿਸ਼ਰਜ਼
ਸੰਪਾਦਕ; ਸਿੰਘ, ਹ.	ਕਾਵਿ ਕੀਰਤੀ	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ
ਸੰਪਾਦਕ, ਆਹੂਜਾ, ਰ.ਲ. ਅਤੇ ਕੌਰ; ਮ.ਪ.	ਆਧੁਨਿਕ ਇਕਾਗੀ	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ
ਸਿੰਘ; ਹ.	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਸਿੰਘ; ਤੀਰਥ (ਡਾ.)	ਪੰਜਾਬੀ ਅਧਿਆਪਨ	ਐੱਸ. ਜੀ. ਪਬਲਿਸ਼ਰਜ਼, ਜਲੰਧਰ
ਸੇਖੋਂ; ਸੁਖਵਿੰਦਰ ਸਿੰਘ (ਡਾ.) ਅਤੇ ਸੇਖੋਂ; ਮਨਦੀਪ ਕੌਰ	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਅਧਿਆਪਨ	ਕਲਿਆਣੀ ਪਬਲਿਸ਼ਰਜ਼, ਲੁਧਿਆਣਾ

HISTORY AND CULTURE OF PUNJAB -III

Course code	HCP 201-19
Course title	History And Culture Of Punjab –III
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course objectives (CO)	<ol style="list-style-type: none"> 1. The Student will acquire the knowledge Of Great Mughals. 2. The Student will understand the Teachings of Guru Nanak Dev ji. 3. The Student will acquire the knowledge Of Bhakti Movement & Sufism. 4. The Student will understand the development of Sikhism. 5. The Student will acquire the knowledge of Guru Gobind Singh.

Unit-I

Society and Culture in Punjab during the Turko-Afghan rule, The Punjab under the Great Mughals, Guru Nanak: His teachings, Concept of Langar and Sangat.

Unit-II

Salient Features of the Bhakti Movement, Main Features of Sufism in Punjab, Development of Sikhism (1539-1581): Contribution of Guru Angad Dev, Guru Amar Das and Guru Ram Das for the development of Sikhism.

Unit III

Transformation of Sikhism: Compilation of Adi-Granth; Martyrdom of Guru Arjan Dev, Guru Hargobind's New policy, Martyrdom of Guru Tegh Bahadur.

Unit IV

Foundation of the Khalsa, Post Khalsa activities of Guru Gobind Singh, Important Historical Places Delhi: Lahore, Sarhind, Multan, Kartarpur, Amritsar, Kiratpur, Tarn Taran, Anandpur Sahib, Fatehgarh Sahib, Paonta Sahib, Machhiwara, Muktsar.

Text and References Books:

S.NO	Author's	Title	Publisher
1	Sukhdev Sharma	History And Culture Of Punjab	New Academic Publisher
2	Kirpal Singh	History and Culture of the Punjab, Part II (Medieval Period)	Publication Bureau, Punjabi University, Patiala.
3	J.S. Grewal	The Sikhs of the Punjab	The New Cambridge History of India, Orient Longman, Hyderabad
4	Fauja ingh	History of the Punjab, Vol. III	Punjabi University, Patiala.



ਮੁਢਲੀ ਪੰਜਾਬੀ

Course Code	PBI 205-19
Course Title	ਮੁਢਲੀ ਪੰਜਾਬੀ-III
Type of Course	Theory
L T P	3:0:0
Credits	3
Course Pre-requisite	B.A.
Course Objectives (CO)	ਵਿਦਿਆਰਥੀ: <ol style="list-style-type: none"> 1. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਸੰਬੰਧੀ ਸਮਝ ਪ੍ਰਾਪਤ ਕਰਨਗੇ। 2. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀਆਂ ਪ੍ਰਵਿਰਤੀਆਂ ਸੰਬੰਧੀ ਜਾਣੂ ਹੋ ਜਾਣਗੇ। 3. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਅਰਥਾਂ ਨੂੰ ਸਮਝ ਸਕਣਗੇ। 4. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਕਾਸ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰ ਲੈਣਗੇ।

ਭਾਗ ਪਹਿਲਾ

(ੳ) ਸ਼ੁੱਧ ਅਤੇ ਅਸ਼ੁੱਧ ਸ਼ਬਦ

(ਅ) ਵਚਨ ਅਤੇ ਬਹੁ-ਵਚਨ

ਭਾਗ ਦੂਸਰਾ

(ੳ) ਲਿੰਗ ਅਤੇ ਪੁਲਿੰਗ

(ਅ) ਤਤਸਮ ਅਤੇ ਤਦਭਵ ਸ਼ਬਦ

ਭਾਗ ਤੀਸਰਾ

(ੳ) ਵਾਕ ਬਣਤਰ-ਪਾਠ ਅਤੇ ਵਿਆਖਿਆ

(ਅ) ਵਸਤੂਗਤ ਜਾਣਕਾਰੀ- ਪਾਠ ਅਤੇ ਵਿਆਖਿਆ

ਭਾਗ ਚੌਥਾ

(ੳ) ਉਚਾਰਣ ਭਾਵ

(ਅ) ਉਚਾਰਣ ਅੰਗ

ਸਹਾਇਕ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1971	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਇਤਿਹਾਸ (ਭਾਗ ਪਹਿਲਾ)	ਭਾਸ਼ਾ ਵਿਭਾਗ, ਪੰਜਾਬ, ਪਟਿਆਲਾ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1974	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ	ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ, ਲੁਧਿਆਣਾ
ਹਰਕੀਰਤ ਸਿੰਘ	1976	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਆਲੋਚਨਾਤਮਕ ਇਤਿਹਾਸ	ਪੈਪਸੂ ਬੁੱਕ ਡਿਪੋ, ਪਟਿਆਲਾ
ਰਾਮ ਸਿੰਘ	2000	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਕਾਸ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀ, ਅੰਮ੍ਰਿਤਸਰ

ਸੰਬੰਧਿਤ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਸਿੰਘ; ਜੀ. ਬੀ.	1950	ਗੁਰਮੁਖੀ ਲਿੱਪੀ ਦਾ ਜਨਮ ਅਤੇ ਵਿਕਾਸ	ਪੰਜਾਬ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜ੍ਹ
ਸਿੰਘ; ਹ.	1966	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

ENVIRONMENTAL SCIENCE

Course Code	EVS-101-19
Course Title	Environmental Science
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	N.A
Course Objective (CO)	To make students aware about environment and need of maintaining it with best possible knowledge.

Unit I

Introduction to Environment and Ecosystem: Definition and scope and importance of multidisciplinary nature of environment. Need for public awareness, Concept of Ecosystem, Structure, interrelationship, producers, Consumers and decomposers, ecological pyramids-biodiversity and importance. Hot spots of biodiversity.

Unit II

Environmental Pollution & Natural Resources: Definition, Causes, effects and control measures of air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, Nuclear hazards. Solid waste Management: Causes, effects and control measure of urban and industrial wastes. Role of an individual in prevention of pollution. Pollution case studies. Disaster Management: Floods, earthquake, cyclone and landslides, Natural Resources and associated problems, use and over exploitation, case studies of forest resources and water resources.

Unit III

Social Issues and the Environment :From Unsustainable to Sustainable development, Urban problems related to energy, Water conservation, rain water harvesting, watershed management. Resettlement and rehabilitation of people; its problems and concerns. Case studies. Environmental ethics: Issues and possible solutions. Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies. Wasteland reclamation. Consumerism and waste products. Environment Protection Act. Air (Prevention and Control of Pollution) Act. Water (Prevention and control of pollution) Act. Wildlife Protection Act, Forest Conservation Act, Issues involved in enforcement of environmental legislation

Unit IV

Human Population and the Environment & Field Work: Population growth, variation among nations. Population explosion –Family Welfare Programme. Environment and human health, Human Rights, Value Education, HIV/AIDS. Women and child Welfare. Role of Information Technology in Environment and human health. Case studies
Visit to a local area to document environmental assets river/forest/grassland/hill/mountain;
Visit to a local polluted site-Urban/Rural/Industrial/Agricultural; Study of common plants, insects, birds; Study of simple ecosystems-pond, river, hill slopes, etc.

Text and recommended books:

S. No	Name	Author(S)	Publisher
1	A Textbook for Environmental Studies	Erach Bharucha	Orient BlackSwan
2	Environmental Biology	Agarwal, K.C. 2001	Nidi Publ. Ltd.Bikaner.
3	Environmental Science	Miller T.G. Jr.	Wadsworth



HISTORY -III

Course Code	HIS201-19
Course Title	History- III
Type Course	Theory
L T P	4:0: 0
Credits	4
Course Pre-requisite	NA
Course Objectives (CO)	On Completion of This Course the Students Will Be Able to: <ol style="list-style-type: none">1. Acquaint students about the increasing dominance of British colonialism in post Mughal period .2. Create nationalism and patriotic zeal through the war of independence of 1857.3. Create awareness about socio-economic, political and cultural changes during British regime.4. Make students aware about Indian National struggle for freedom, various patriots and numerous movements ,political and constitutional developments for independence.

UNIT-I

Foundation of British Rule: Advent of the British; Battles of Plassey and Buxar, Clive and Warren Hastings; Subsidiary Alliance Policy, Doctrine of Lapse.

The Uprising of 1857: Causes, Spread of the Uprisings, Nature and aftermath Contribution of 1857 revolt in national struggle for freedom.

UNIT-II

Economic Changes: Agriculture, British commercial policies; Destruction of indigenous industries; the growth of modern industry; The drain theory.

Growth of Education and Political Organization: New education; Rise of the middle classes, Political institutions; Socio Religious Movements : Brahma Samaj, Arya Samaj, Rama Krishna Mission, Aligarh Movement.

UNIT-III

The Revolutionary Terrorism: Partition of Bengal and its impact; The Phase of Non-Co-operation ; Emergence of Gandhi; The Jallianwala Bagh Massacre and its impact; The Simon Commission; The Phase of Civil Disobedience : The programme and the course of the Civil Disobedience Movement, the Round Table Conferences; Communal Award; Poona-pact; Withdrawal of Civil Disobedience Movement

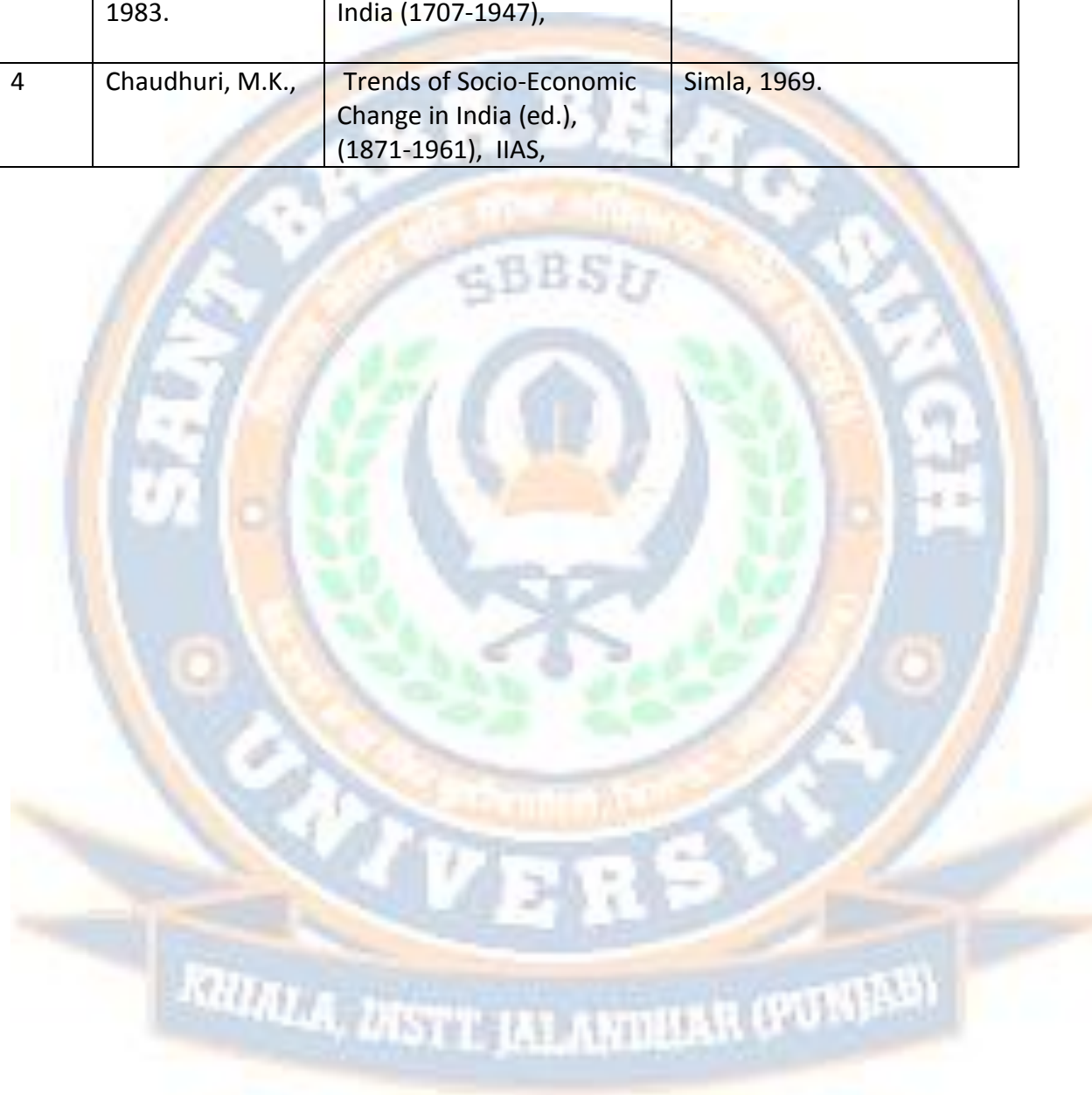
UNIT-IV

Constitutional Development: The Minto-Morley Reforms of 1909, The Act of 1919 and Dyarchy; Government of India Act, 1935.

Towards Partition and Independence : Growth of communal politics; Lahore resolution, Cripps proposals; Quit India Movement; Interim Government and Elections; Cabinet Mission towards Independence.

Text Books and Reference books:

S.No.	Author(S)	Title	Publisher
1	Bipan Chandra,	History of Modern India	Orient Longman, Hydrabad,
2	Sarkar, Sumit,	Modern India (1885-1947)	Orient Longman, New Delhi
3	Bannerjee, A.C., 1983.	The New History of Modern India (1707-1947),	K.P.Bagchi, Calcutta,
4	Chaudhuri, M.K.,	Trends of Socio-Economic Change in India (ed.), (1871-1961), IAS,	Simla, 1969.



POLITICAL SCIENCE-III

Course Code	PLS201-19
Course Title	Political Science-III
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. To enable the student to study and understand the basics of Indian Constitutions2. To aware the learners about the duties of Citizens.3. To acquaint the learners with political vocabulary.4. To aware them about roots of Indian constitution and its relevance in present scenario.5. To acquaint the learners with various posts and procedure for election.

UNIT-I

Constitution Assembly: Historical Background and making of India's Constitution, Critical Evaluation and Nature of the Constituent Assembly, Basic features of the Indian Constitution: Sovereign, Socialist, Secular and Democratic Republic, Preamble of the Constitution of India: Text and features of the preamble and its importance, Nature of Indian Federalism and Centre-State Relations: Centralising and Decentralising features of Indian Federalism, Emerging Trends in Centre- State Relations.

UNIT-II

Fundamental Duties: Fundamental Duties included in the Constitution, Evaluation & Importance of Fundamental Duties, Directive Principles of the State Policy: Nature and Classification of Directive Principles, Criticism & Importance of Directive Principles, Parliament: Characteristics, Powers & Parliament, Actual role of Parliament, Decline in the position of Parliament.

UNIT-III

President: Method & Stages of President Election, Powers and Position of the President, Indian Cabinet and Prime Minister: Appointment of the Prime Minister, Powers, Changing role of Prime Minister, Supreme Court: Its Composition, Powers and Functions of Supreme Court, Position and Independence of judiciary.

UNIT-IV

Governor: Appointment, Powers and position of the governor, State Legislature: Composition, Powers and Role, State Council of Ministers and Chief Minister: Powers and Position of the State Council Minister & Chief Minister.

Text and References Books

S.NO.	Author's	Title	Publisher
1	M.V. Pylee	Constitutional Government in India	Asia Publishing House.
2	D.D. Basu	An Introduction to the Constitution of India	Sterling publishers, New Delhi.
3	M.P. Jain	Political Theory	Guild Publication, Delhi
4	S.P.Verma	Modern Political Theory	General Publishing House, New Delhi.



EDUCATION- III

Course Code	EDU201-19
Course Title	Education-III
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. To enable the students to understand the meaning, nature and scope of psychology in education.2. To make the students familiar with the concept and assessment of intelligence.3. To enable the students to understand the concept of personality and its place in Education.4. To make the students familiar with the concept of Special Education; the special needs of the Gifted, Backward and their Educational implications.

UNIT-I

Meaning and definitions of Psychology, Meaning, nature & scope of Educational Psychology. Contribution of Psychology in the field of education, Difference between General Psychology & Educational Psychology.

UNIT-II

Intelligence: meaning, definitions, characteristics, types of intelligence, concept of intelligence quotient, factors affecting I.Q, Assessment of Intelligence: Early history and modern stage. Verbal, Non-verbal and performance tests of intelligence.

UNIT-III

Personality – meaning, definitions, aspects and characteristics of personality, types of personality (Hippocrate, Kretschmer, Sheldon, Spranger, Jung), Determinants of personality: biological, socio-cultural and psychological, Assessment of personality.

UNIT-IV

Exceptional children – concept, definitions, characteristics and types. Characteristics and Education of gifted and backward children.

Text and Reference Books:

S. No.	Author(S)	Year	Title	Publisher
1	Mangal, S.K.	2002	Advanced Educational Psychology	Prentice Hall of India, New Delhi
2	Walia, J.S.	2007	Foundations of Educational Psychology	Ahim Paul Publishers, Jalandhar

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Chauhan, S.S	2002	Advanced Educational Psychology	Vikas Publishing House, New Delhi
2	Aggarwal, J.C.	2009	Essentials of Educational Psychology	Vikas Publishing House Pvt. Ltd.: New Delhi
3	Kakkar, S.B.	2001	Educational Psychology	Prentice Hall of India, New Delhi
4	Sahu, Binod Kumar	2002	Education of Exceptional Children	Kalyani Publishers, Ludhiana
5	Mohanty, Girish Bala	1986	Educational Psychology	Kalyani Publishers, Ludhiana



PHYSICAL EDUCATION-III (THEORY)

Course Code	PED201-19
Course Title	Physical Education-III (Theory)
Type of Course	Theory
L T P	4:0:0
Credits	4
Course pre-requisite	NA
Course Objectives	After the completion of the course, students will be able to: <ol style="list-style-type: none">1. Understand the various theories of physical education.2. Explain the yoga and its types.3. Understand the various asanas.4. Gain knowledge about Pranayama and sudhikiryas.5. Understand the various psychological factors effecting sports performance6. They will be able to understand about Growth & Development.7. Understand the sports and socialization.

UNIT-I

Meaning of Yoga, aim of yoga and types of yoga. Concept of Hath aYoga.

Asanas:-Meaning of Asanas, Rules of Yoga Asanas and importance of Yoga Asanas

UNIT-II

Methods and advantage of following Asanas

Padam asana, Vajar asana, Dhanur asana, Sarvang asana, Hal asana, Pashimottan asana, Mayur asana, Ushtra asana, Sidha asana, Shirsh asana, Shav asana, Chakara asana, Makar asana, Taad asana, Matsya asana, Trikon asana, Garud asana, Naukaasana ,Salabh asana and Bhujang asana.

Pranayama:-Meaning of pranayama and objectives of pranayama.

Types of Pranayama and Physiological values of Pranayama.

UNIT-III

SudhiKiryas:-Introduction and objectives of ShudhiKiryas, Physiological Values of ShudhiKiryas.

Motivation in physical Education.

Psychological factors effecting sports performance i.e. stress, tension, anxiety and aggression.

UNIT-IV

Growth and development during childhood;

Physical

Mental

Emotional

Inter-personal social development.

Sports and Economy. Causes of poor performance of Sports in India. Sports and Socialization- integration through sports (National & International).

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	R.D. Kansal	2015	Physical Education and Sports	Kalyani Publishers Ludhiana

Reference Books—

S. No.	Author(S)	Year	Title	Publisher
1	Singh Kanwaljit & Singh Inderjeet	2000	Sports Sociology	Friends Publication New Delhi
2	Tandon, D.K.	2001	Scientific basis of Physical Education	Friends Publication New Delhi
3	Singh Ajmer and Gill Jagtar	2004	Essentials Physical Education	Kalyani Publishers Ludhiana
4	Kang G.S.	2000	Anatomy, Physiology and Health Education	Publication Bureau, Punjabi Uni. Patiala
5	Kang G.S. and Deol, N.S.	2008	Health and Physical Education	21 st Century, Patiala, 2008



PSYCHOLOGY-III (THEORY)

Course Code	PSY201-19
Course Title	Psychology-III (Theory)
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. To enable the students to understand the nervous system including its structure and functioning.2. To enable the students to understand the concept of psychophysics.3. To enable the students to get insight into the use of elementary statistics.4. To enable the students to get understanding of learning, memory and forgetting.

Note—The use of non-programmable calculators and statistical tables is allowed in the examination.

UNIT-I

Nervous system—Structure and functioning of neuron.

Division of nervous system—central nervous system and peripheral nervous system, structure and functioning of brain.

UNIT-II

Psychophysics—meaning, definitions, Problems of psychophysics.

Concept of absolute and differential thresholds, Determination of AL and DL by methods of limits, constant stimuli and average error.

UNIT-III

Learning—concept, classical and operant conditioning, Difference between classical and instrumental conditioning, Observational learning.

Transfer of training, Reinforcement: concept, types and schedules.

UNIT-IV

Memory: Nature, types of memory, process of memory, measurement techniques.

Forgetting: concept, causes of forgetting, theories of forgetting.

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Jain, S	2000	Introduction to Psychology	Kalyani Publications, Ludhiana.
2	Morgan, C.T., King, R.A., Weisz, J.R. & Schopler, J.	1999	Introduction to Psychology	Mcgraw Hill Book Co., New York.

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Baron, R.A.	1996	Psychology	Prentice Hall of India, New Delhi.
2	Ciccarelli, D.	2008	Introduction to Psychology	Pearson Publications, Delhi.
3	Garrett, H.E.	1966	Statistics in Psychology and Education	Vakils, Feffer and Simons, New Delhi.



ENGLISH (ELECTIVE)-III

Course Code	ENG203-19
Course Title	English(Elective)-III
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. Students will demonstrate familiarity with major authors, works, genres2. Students will demonstrate the ability to read, write, and think critically3. Students will use transcription conventions appropriately when transcribing words

UNIT I

Animal Farm— Detailed analysis of the complete text , use of allegory and satire, discussion on plot, rhetoric, technique of repetition, characterization and use of humour.

UNIT II

Poems: Belinda’s Toilet, London, The Tables Turned, Man and Nature, The Cloud, Voices, Futility, Day Break, Self’s the Man, Spinster, Leave This Chanting, The Poet and Guru.

UNIT III

New Directions-Part 1,2,3 .

UNIT IV

Transcription of Words: agony, antonym, capable, committee, decorum, aero plane, calendar, privacy, absolute, academy, academic, advertisement, adversity, allopathic, mathematics, automobile, biography, biology, competition, competitive, certificate, certify, democracy, capacity, magnificent, photography, photograph, photographic, vindictive, celebrity

Texts & Recommended Books:

S. No.	Author(S)	Year	Title	Publisher
1	George Orwell	2001	Animal Farm	Penguin Books India
2	G.N.D.U. Amritsar	2004	Fresh Showers	G.N.D.U. Amritsar
3	J.D. O’Connor.	2008	Better Pronunciation of English	Wadsworth CENGAGE Learning Publishers

PUNJABI (ELECTIVE)-III

Course Code	PBI203-19
Course Title	Punjabi Elective-III
Type of Course	Theory
L T P	4:0:0
Credits	4
Course Prerequisite	N.A
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਮੱਧਕਾਲੀ ਪੰਜਾਬੀ ਕਵੀਆਂ ਦੀ ਜੀਵਨੀ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਮੱਧਕਾਲੀ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀਆਂ ਵੱਖ-ਵੱਖ ਵਿਧਾਵਾਂ ਨੂੰ ਮਾਨਣਯੋਗ ਹੋ ਜਾਣਗੇ। 4. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਪੰਜਾਬੀ ਕਹਾਣੀ ਦਾ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ। 5. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਦਾ ਵਿਸ਼ਲੇਸ਼ਣਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਯੋਗ ਹੋ ਜਾਣਗੇ।

ਭਾਗ-ੳ

ਮੱਧਕਾਲੀ ਪੰਜਾਬੀ ਕਾਵਿ (1701-1900)

ਭਾਗ-ਅ

ਕਥਾ ਕਹਾਣੀ

ਭਾਗ-ੲ

ਸੱਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ (ਨਿਬੰਧ ਸੰਗ੍ਰਹਿ) -ਪਹਿਲੇ 6 ਨਿਬੰਧ

ਭਾਗ-ਸ

ਸੱਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ (ਨਿਬੰਧ ਸੰਗ੍ਰਹਿ) -ਬਾਕੀ 6 ਨਿਬੰਧ

ਪਾਠ ਅਤੇ ਹਵਾਲਾ- ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰਜ
(ਸੰਪਾਦਕ) ਢਿੱਲੋਂ, ਹ. ਸਿੰਘ ਅਤੇ ਖਹਿਰਾ, ਨ. ਸਿੰਘ	ਮੱਧਕਾਲੀ ਪੰਜਾਬੀ ਕਾਵਿ (1701-1900)	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ
(ਸੰਪਾਦਕ) ਸਿੰਘ, ਰਘਬੀਰ ਅਤੇ ਸਿੰਘ, ਦਰਬਾਰਾ	ਕਥਾ ਕਹਾਣੀ	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
(ਸੰਪਾਦਕ) ਬਾਜਵਾ, ਰ. ਸਿੰਘ ਅਤੇ ਰੰਧਾਵਾ, ਵ. ਸਿੰਘ	ਸੱਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ

MUSIC VOCAL-III (THEORY)

Course Code	MUC201-19
Course Title	Music Vocal-III(Theory)
Type of course	Theory
L T P	2:0:0
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The students will be able to understand the need, content and process and basic guidelines of music.2. The students will be able to develop right understanding for music.3. The students will be able to realize the significance of music.

UNIT-I

Classification of the instruments used in Gurmat Sangeet.

Defination of following: khatha, Kan, murki, andolan

UNIT-II

Define and Explain the nature of Music

Essey of the following: folk music of panjab.

UNIT-III

Understanding of the musical concepts.

Varieties of Tanas.

Merit and Demerits of a singer.

UNIT-IV

Life-sketches and contribution Ustad Faiyaz Khan, Swami Haridas, Ustad Vallyat Hussain Khan.

Understanding of the musical concepts.

Role of Radio and TV in music.

Describe: Nad, Savar, Shruti Gram, Sankiran Niam, Tal.

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	Devinder kaur	Sangeet roop	Avam Vadya Sangeet Kanishka Publishers , New Delhi
2	Shanti goverdhan	Sangeet darpan	Howdery Roshan Press

ECONOMICS-III

Course Code	ECO201-19
Course Title	Economics-III
Type of Course	Theory
LTP	4:0:0
Credits	4
Course pre-requisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. To enable the students to understand the basics of public finance and international trade.2. Introduce students to the primary functions of government to generate resources from the people and to spend money improving their lives.3. The last two units are concerned with basic theories of international trade and commercial policies, balance of payments, determination of exchange rates and role of international financial institutions.

UNIT-I

Introduction to Public Finance: Nature, Scope and its Importance.

Public Expenditure: Canons, Principle of Maximum Social Advantage, Wagner's Law, Wiseman Peacock Hypothesis. Causes for the Recent Growth of Public Expenditure in India.

Taxation: Classification and Canons, Characteristics of a Good Tax System.

UNIT-II

Incidence and Impact of Taxation: Demand and Supply Theory.

Taxable Capacity: Absolute and Relative Capacity, Determinants of Taxable Capacity.

Public Debt: Its types and Role, Burden of debt and Methods of its Redemption.

Deficit Financing: Objectives and Limitations.

UNIT-III

Pure Theory of International Trade: Classical and Heckscher - Ohlin Theories, the Theory of Reciprocal Demand.

Terms of Trade: Concept and Types

Commercial Policy: Free Trade vs. Protection, Regional Blocks: ASEAN, SAFTA Problems and prospects. Impact of W.T.O. on Less Developed Countries.

UNIT-IV

Balance of Payments: Meaning, Concept and Components of Balance Of Payments.

Disequilibrium in the Balance of Payments: Causes and Measures to correct the disequilibrium.

Exchange Rate: Meaning and its Determination, Fixed Vs. Flexible Rate of Exchange and Purchasing Power Parity Theory.

IMF and IBRD: Objectives, Working and Achievements.

Text and reference Books

S.NO.	Author(S)	Title	Publisher
1.	Musgrave, A.R. & Musgrave, P.B	Public Finance in Theory and Practice	McGraw Hills, International Students' Edition
2.	Kindleberger, C.P	International Economics	Richard Irwin Homewood, Illiois, Indian Edition
3.	Bhatia, H.	Public Finance	Vikas Publishing House Pvt. Ltd
4.	Dalton, H	Principles of Public Finance	Routledge and Kegan Paul, Londo



MATHEMATICS-III

Course Code	MAT201-19
Course Title	Mathematics-III
Type of course	Theory
L T P	6:0:0
Credits	6
Course prerequisite	NA
Course Objective (CO)	1. To have the knowledge of basic properties of field of real numbers and convergence. To inculcate the traits of rational decision making. To develop the research proposal and also find out the optimal solution.

UNIT-I

Real Analysis, Finite and infinite sets, examples of countable and uncountable sets. Real line, bounded sets, suprema and infima, completeness property of \mathbb{R} , Archimedean property of \mathbb{R} , intervals. Concept of cluster points and statement of Bolzano-Weierstrass theorem. Real Sequence, Bounded sequence, Cauchy convergence criterion for sequences. Cauchy's theorem on limits, order preservation and squeeze theorem, monotone sequences and their convergence (monotone convergence theorem without proof).

UNIT-II

Infinite series. Cauchy convergence criterion for series, positive term series, geometric series, comparison test, convergence of p-series, Root test, Ratio test, alternating series, Leibnitz's test (Tests of Convergence without proof). Definition and examples of absolute and conditional convergence. Sequences and series of functions, Pointwise and uniform convergence. Mn-test, M-test, Statements of the results about uniform convergence and integrability and differentiability of functions, Power series and radius of convergence.

UNIT-III

Descriptive Statistics and Probability Theory:- Concepts of a statistical population and sample from a population, quantitative and qualitative data, nominal, ordinal and time-series data, discrete and continuous data. Presentation of data by tables and by diagrams, frequency distributions for discrete and continuous data, graphical representation of a frequency distribution by histogram and frequency polygon, cumulative frequency distributions (inclusive and exclusive methods). Measures of location (or central tendency) and dispersion, moments, measures of skewness and kurtosis, cumulants. Bivariate data: Scatter diagram, principle of least-square and fitting of polynomials and exponential curves. Correlation and regression. Karl Pearson coefficient of correlation, Lines of regression, Spearman's rank correlation coefficient, multiple and partial correlations (for 3 variates only). Random experiment, sample point and sample space, event, algebra of events, Definition of Probability - classical, relative frequency and axiomatic approaches to probability, merits and demerits of these approaches (only general ideas to be given). Theorem on probability, conditional probability, independent events. Baye's theorem and its applications.

UNIT-IV

Linear Programming:-Introduction to Operational Research and overview of O.R. modeling. Linear independence and dependence. Convex sets. Extreme points. Hyperplanes and Polyhedral sets. Solution of a System of Linear Equations, Concept of Basis, Basis Feasible Solutions. Introduction to Linear Programming Problem. Problem formulations. Graphical solution. Theory of Simplex method. Two Phase Simplex method. M-charge's simplex method. Duality in Linear Programming, Economic interpretation of duality. Assignment problem. Transportation problem and its mathematical formulation, northwest corner method least cost method and Vogel approximation method for determination of starting basic solution, algorithm for solving transportation problem, assignment problem and its mathematical formulation, Hungarian method for solving assignment problem.

Text and Reference Books

S. No	Name	Author(S)	Publisher
1	Calculus (Vol. I)	T.M. Apostol	John Wiley and Sons (Asia) P. Ltd., 2002
2	Introduction to Real Analysis	R.G. Bartle and D. R Sherbert	, John Wiley and Sons (Asia) P. Ltd., 2000
3	Fundamentals of Mathematical Statistics	S.C. Gupta and V.K. Kapoor	11th Ed., Sultan Chand and Sons, 2007
4	Linear Programming	. G. Hadley	Narosa, 2002
5	Operations Research- An Introduction	Hamdy A. Taha	Prentice Hall, 8th edition, 2007.
6	Mathematical Statistics with Applications	J.E. Freund	7th Ed., Pearson Education, 2009
7	Introduction to the Theory of Statistics	A.M. Mood, F.A. Graybill and D.C. Boes,	3rd Ed., Tata McGraw Hill Publication, 2007.
8	Introduction to Mathematical Statistics	R.V. Hogg, A.T. Craig and J.W. Mckean	6th Ed., Pearson Education, 2005.
9	Elementary Analysis- The Theory of Calculus Series- Undergraduate Texts in Mathematics,	K.A. Ross	Springer Verlag, 2003.Edition, Tata McGraw Hill, 2010.
10	, <i>Fundamentals of Statistics</i>	A.M. Goon, M.K. Gupta and B. Dasgupta	Vol. I, 8th Ed., World Press, Kolkatta, 2005.

PSYCHOLOGY-III (PRACTICAL)

Course Code	PSY203-19
Course Title	Psychology-III (Practical)
Type of course	Practical
L T P	0:0:2
Credits	1
Course prerequisite	NA
Course Objective (CO)	After the completion of the course, students will be able to administer and interpret various psychological tests.

Four Practicals have to be performed out of six—

1. Two Point Threshold
2. Muller Lyer Illusion
3. Maze Learning
4. Comparing Recall and Recognition as measures of memory
5. Retroactive Interference
6. Bilateral Transfer of Training

Recommended Books:

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Jain, S.	2000	Introduction to Psychology	Kalyani Publications, Ludhiana
2	Morgan, C.T., King, R.A., Weisz, J.R. & Schopler, J.	1999	Introduction to Psychology	Mcgraw Hill Book Co., New York.

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Baron, R.A.	1996	Psychology	Prentice Hall of India, New Delhi
2	Ciccarelli, D.	2008	Introduction to Psychology	Pearson Publications, Delhi

PHYSICAL EDUCATION-III (PRACTICAL)

Course Code	PED203-19
Course Title	Physical Education-III (Practical)
Type of Course	Practical
L T P	0:0:2
Credits	1
Course pre-requisite	NA

Marks: 40

- I. Division of Marks: Athletics (12) + Games (12) +Ground Markings (3+3),
- II. Practical Note Book (5), Viva-Voce (5)
- III. Athletics Performance ----- 200M, Long Jump, Javelin Throw
- IV. Games (Boys & Girls)---- Fundamentals, Rules, Performance
- V. Badminton
- VI. Baseball



MUSIC VOCAL)-III (PRACTICAL)

Course Code	MUC203-19
Course Title	Music Vocal –III (Practical)
Type of course	Practical
L T P	0:0:4
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The students will be able to understand the need, content and process and basic guidelines of music.2. The students will be able to develop right understanding for music.3. The students will be able to realize the significance of music.

List of Practical

- I. Bupali,aheerbhaiav,bharavi
- II. Talas:chautal,rupak,ghaptal
- III. One shabad
- IV. One folk song
- V. One Gazal
- VI. One tarana of any ragas
- VII. Sing with tanpura
- VIII. Knowledge of one vilamvat kiyal

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	Devinder kaur	Sangeet roop	Avam Vadya Sangeet Kanishka Publishers , New Delhi
2	Shanti goverdhan	Sangeet darpan	Howdery Roshan Press

GENERAL ENGLISH-IV

Course Code	ENG202-19
Course Title	General English-IV
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. To enable the student to do intensive and extensive readings 2. To develop aesthetic sense among students by reading and enjoying poetry 3. To acquaint the learners with new vocabulary 4. To aware them in use of adjectives , adverbs and Relative Clause

Unit I

Text 1 Making Connections: Unit III Aspects of Language:

Reading 1 Variation in Language, Reading II Sociolinguistic Rules of language

Text II Moments in Time: An Anthology of Poems: Poem 7, 8, 9

Text III English Grammar in Use (Fourth Edition) by Raymond Murphy: Unit 82 to 91

Unit II

Text 1 Making Connections: Unit III Aspects of Language:

Reading III Child Language acquisition: Phonology Reading IV Brain Development and learning a second language.

Text II Moments in Time: An Anthology of Poems: Poem 8,9,10

Text III English Grammar in Use (Fourth Edition) by Raymond Murphy: Unit 92to 97

Unit III

Text 1 Making Connections: Unit IV Looking after Planet earth

Reading I The Aral Sea: An environmental Crisis, Reading II Ecology overpopulation and economic development

Text II Moments in Time: An Anthology of Poems: Poem 11, 12

Text III English Grammar in Use (Fourth Edition) by Raymond Murphy: Unit 98 to 105

Unit IV

Text 1 Making Connections: Unit IV Looking after Planet earth

Reading III Unsustainable development and Mayan Civilization Reading IV Biological Diversity under attack

Text III English Grammar in Use (Fourth Edition) by Raymond Murphy: Unit 106 to 112

Text and Reference books:

Sr No	Author(s)	Title	Publisher
1	Kenneth J. Pakenham	Making Connections	GNDU, Amritsar
2	Edited by Rita Chaudary ,Mohinder Sangita,Sunita Dhillon	Moments in Time	GNDU, Amritsar
3	Raymond Murphy	English Grammar in Use	Cambridge University Press New Delhi



GENERALPUNJABI-IV

Course Code	PBI202-19
Course Title	General Punjabi-IV
Type of Course	Theory
L T P	3:0:0
Credits	3
Course Prerequisite	N.A
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵੀਆਂ ਦੀ ਜੀਵਨੀ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਰੇਖਾ ਚਿੱਤਰਾਂ ਦਾ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ। 4. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤਬੰਦੀ ਸੰਬੰਧੀ ਗਿਆਨ ਹਾਸਿਲ ਹੋ ਜਾਵੇਗਾ। 5. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਉਪ- ਭਾਸ਼ਾਵਾਂ ਨੂੰ ਪਛਾਨਣਯੋਗ ਹੋ ਜਾਣਗੇ।

ਭਾਗ-ੳ

ਜੱਗ ਬੀਤੀ ਹੱਡ ਬੀਤੀ (ਕਥਾ ਸੰਗ੍ਰਹਿ) (ਪਿਛਲੀਆਂ ਛੇ ਕਹਾਣੀਆ) ਸੰਪਾ.ਜੁਗਿੰਦਰ ਸਿੰਘ ਰਾਹੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅੰਮ੍ਰਿਤਸਰ,2008.

ਭਾਗ-ਅ

ਗੱਦ ਪ੍ਰਵਾਹ (ਭਾਗ-ਦੂਸਰਾ) ਸੰਪਾ. ਬਿਕਰਮ ਸਿੰਘ ਘੁਮਣ ਅਤੇ ਜਸਪਾਲ ਸਿੰਘ ਰੰਧਾਵਾ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅੰਮ੍ਰਿਤਸਰ,2007.

ਭਾਗ-ੲ

ਲੇਖ ਰਚਨਾ, ਸੰਖੇਪ ਪੈਰਾ ਰਚਨਾ

ਭਾਗ-ਸ

ਵਿਆਕਰਣ

ਕਿਰਿਆ ਵਾਕੰਸ਼ : ਪਰਿਭਾਸ਼ਾ,ਬਣਤਰ,ਤੇ ਪ੍ਰਕਾਰ।

ਕਾਰਕ ਅਤੇ ਕਾਰਕੀ ਸੰਬੰਧ

ਪਾਠ-ਪੁਸਤਕਾਂ ਅਤੇ ਹਵਾਲਾ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰਜ
ਸੰਪਾ.ਜੁਗਿੰਦਰ ਸਿੰਘ ਰਾਹੀ	ਜੱਗ ਬੀਤੀ ਹੱਡ ਬੀਤੀ (ਕਥਾ ਸੰਗ੍ਰਹਿ)	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅਮ੍ਰਿਤਸਰ
ਸੰਪਾ. ਬਿਕਰਮ ਸਿੰਘ ਘੁਮਣ ਅਤੇ ਜਸਪਾਲ ਸਿੰਘ ਰੰਧਾਵਾ	ਗੱਦ ਪ੍ਰਵਾਹ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅਮ੍ਰਿਤਸਰ
ਸਿੰਘ; ਹਰਕੀਰਤ	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਸਿੰਘ; ਤੀਰਥ (ਡਾ.)	ਪੰਜਾਬੀ ਅਧਿਆਪਨ	ਐੱਸ. ਜੀ. ਪਬਲਿਸ਼ਰਜ, ਜਲੰਧਰ
ਸੇਖੋਂ; ਸੁਖਵਿੰਦਰ ਸਿੰਘ (ਡਾ.) ਅਤੇ ਸੇਖੋਂ; ਮਨਦੀਪ ਕੌਰ	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਅਧਿਆਪਨ	ਕਲਿਆਣੀ ਪਬਲਿਸ਼ਰਜ, ਲੁਧਿਆਣਾ

HISTORY AND CULTURE OF PUNJAB -IV

Course code	HCP202-19
Course title	History And Culture Of Punjab-IV
Type of course	Theory
L T P	3 0 0
Credits	3
Course prerequisite	NA
Course objectives (CO)	<ol style="list-style-type: none"> 1. The Student will acquire the knowledge of Sikh Struggle. 2. The Student will understand the Ranjit Singh's administration. 3. The Student will acquire the knowledge of Political Developments of Punjab. 4. The Student will understand the Social life of Women.

Unit I

Banda Bahadur and his Achievements. Sikh Struggle for Sovereignty from 1716-1765. Role of Dal Khalsa, Rakhi, Gurmata and Misl.

Unit II

Ranjit Singh's rise to Power. Civil and Military administration. Relations with the British.

Unit-III

Political Developments 1839-1845. Anglo-Sikh Wars. Annexation of the Punjab.

Unit-IV

New Developments in literature, art and architecture in the Punjab region. Social life with special reference to the position of women, Fairs, Festivals, Folk Music, Dance and Games in the Punjab. Important Historical Places: Lohgarh, Sarhind, Gujranwala, Lahore, Amritsar, Multan, Peshawar, Sialkot, Ferozepore, Ambala, Gujrat, Mudki, Ludhiana.

Text and References Books:

S.NO.	Author's	Title	Publisher
1	Sukhdev Sharma	History And Culture Of Punjab	New Academic Publisher
2	Kirpal Singh	History and Culture of the Punjab, Part II (Medieval Period)	Publication Bureau, Punjabi University, Patiala.

ਮੁਢਲੀ ਪੰਜਾਬੀ

Course Code	PBI206-19
Course Title	ਮੁਢਲੀ ਪੰਜਾਬੀ-IV
Type of Course	Theory
L T P	3:0:0
Credits	3
Course Pre-requisite	M.A. (Punjabi)
Course Objectives (CO)	ਵਿਦਿਆਰਥੀ: <ol style="list-style-type: none"> 1. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਸੰਬੰਧੀ ਸਮਝ ਪ੍ਰਾਪਤ ਕਰਨਗੇ। 2. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀਆਂ ਪ੍ਰਵਿਰਤੀਆਂ ਸੰਬੰਧੀ ਜਾਣੂ ਹੋ ਜਾਣਗੇ। 3. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਅਰਥਾਂ ਨੂੰ ਸਮਝ ਸਕਣਗੇ। 4. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਕਾਸ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰ ਲੈਣਗੇ।

ਭਾਗ ਪਹਿਲਾ

(ੳ) ਪਾਠ ਭੇਦ

ਅਨੁਵਾਦ

ਭਾਗ ਦੂਸਰਾ

(ੳ) ਸ਼ੈਲੀ

(ਅ) ਮੁਹਾਵਰਾ

ਭਾਗ ਤੀਸਰਾ

(ੳ) ਲੇਖ

(ਅ) ਨਿਬੰਧ

ਭਾਗ ਚੌਥਾ

(ੳ) ਚਿੱਠੀ ਪੱਤਰ

(ਅ) ਵਿਆਕਰਣਿਕ ਨੇਮ

ਸਹਾਇਕ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1971	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਇਤਿਹਾਸ (ਭਾਗ ਪਹਿਲਾ)	ਭਾਸ਼ਾ ਵਿਭਾਗ, ਪੰਜਾਬ, ਪਟਿਆਲਾ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1974	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ	ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ, ਲੁਧਿਆਣਾ
ਹਰਕੀਰਤ ਸਿੰਘ	1976	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਆਲੋਚਨਾਤਮਕ ਇਤਿਹਾਸ	ਪੈਪਸੂ ਬੁੱਕ ਡਿਪੋ, ਪਟਿਆਲਾ
ਰਾਮ ਸਿੰਘ	2000	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਕਾਸ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀ, ਅੰਮ੍ਰਿਤਸਰ

ਸੰਬੰਧਿਤ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਸਿੰਘ; ਜੀ. ਬੀ.	1950	ਗੁਰਮੁਖੀ ਲਿੱਪੀ ਦਾ ਜਨਮ ਅਤੇ ਵਿਕਾਸ	ਪੰਜਾਬ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜ੍ਹ
ਸਿੰਘ; ਹ.	1966	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

NUTRITION AND HEALTH EDUCATION

Course Code	SSC202-19
Course Title	Nutrition And Health Education
Type of Course	Theory
L T P	3:0:0
Credits	3
Course.Prerequisite	N.A
Course Objectives	1.To familiarize students with fundamentals of food, nutrients and their relationship to Health 2. To create awareness with respect to deriving maximum benefit from available food resources.

UNIT I

Basic concepts in food and nutrition ,periods Basic terms used in study of food and nutrition
 Understanding relationship between food, nutrition and health,Functions of food-Physiological, psychological and social

UNIT II

Functions, dietary sources and clinical manifestations of deficiency/ excess of the following nutrients: Carbohydrates, lipids and proteins,Fat soluble vitamins-A, D, E and K,Water soluble vitamins – thiamin, riboflavin, niacin, pyridoxine, folate, vitamin B12 ,vitamin C, Minerals – calcium, iron and iodine

UNIT III

Selection, nutritional contribution and changes during cooking of the following food groups: CerealsPulses Fruits and vegetables,Milk & milk products Eggs,Meat, poultry and fish,Fats and Oils

UNIT IV

Methods of Cooking and Preventing Nutrient Losses ,Dry, moist, frying and microwave cookingAdvantages, disadvantages and the effect of various methods of cooking on nutrientsMinimizing nutrient losses, Weights and measur

Text and Reference Books:

S.No.	Author's	Title	Publisher
1	Srilakshmi B	Nutrition Science	New Age International (P) Ltd
2	Srilakshmi B	Food Science	New Age International (P) Ltd

HISTORY- IV

Course Code	HIS202-19
Course Title	History –IV
Type Course	Theory
L T P	4:0:0
Credits	4
Course Pre-requisite	NA
Course Objectives (CO)	1. On Completion of This Course the Students Will Be Able to: Acquaint the students with the history of Punjab. 2. To familiarise students with the Sikh panth, ten gurus and Khalsa Panth. 3. To know about the Political Struggle ; Position of the Sikhs; Repression and conciliation by the Mughal governors.

UNIT-I

Socio-Religious condition of the Punjab around 1500 A.D. : The Sunnis; the Shias; the Sufis, the Brahmins; the Jogis; the Vaishnava bhakti and the saints.

Foundation of Sikh Panth : Guru Nanak Dev and his Teachings : Early life, Conception of God, Importance of the Guru, Insistence on right conduct and earnest profession; Institution of community kitchen (Langar) and Congregational worship (sangat), Succession to Guruship.

UNIT-II

Development of the Sikh Panth: Guru Angad Dev to Guru Arjan Dev: Increasing number of sangats: Sikh ceremonies; the Manji and Masand system, The founding of the sacred places, The Harimandir. Compilation of the Adi Granth.

Transformation of the Sikh Panth: Guru Hargobind to Guru Tegh Bahadur: Martyrdom of Guru Arjan Dev and Guru Hargobind's response; Armed conflict with the state; Circumstances leading to the accession and martyrdom of Guru Tegh Bahadur.

UNIT-III

Creation of Khalsa: Meaning; Circumstances leading to the creation of the Khalsa (1699); Banda Bahadur: Early life of Banda Bahadur and his meeting with Guru Gobind Singh; His political activities up to the conquest of Sarhind; Establishment of an independent rule; Imperial campaign against Banda.

UNIT-IV

Political Struggle (1716-48): Position of the Sikhs; Repression and conciliation by the Mughal governors, Abdus Samad Khan and Zakaria Khan (1716-1745), Ghallughara, Sikh-Afghan struggle (1752-65); Occupation of Lahore, Causes of Sikh success against the Mughals and Afghans; Leading Sardars and Territories: Nawab Kapur Singh; Jassa Singh Ahluwalia; Jassa Singh Ramgarhia; Charat Singh and Mahan Singh; Political Organisations of the Sikhs in the 18th Century: Rakhi; Dal Khalsa; Gurmata, Misl. Emergence of new rulers and their military resources; Administrative arrangements; Land revenue; Administrative of Justice.

Map:- Important historical Places of Punjab: Anandpur Sahib, Ropar, Chapper-chiri, Sirhind, Lahore, Amritsar, Sailkot, Kasur, Mudki, Sabraon, Baddhowal, Multan, Gujrat.

Text and Reference Books:

S.No.	Author(S)	Title	Publisher
1	Khushwant Singh,	A History of the Sikhs, Vol. I (1469-1839)	OUP, Delhi,
2	Grewal J.S.,	From Guru Nanak to Maharaja Ranjit Singh	G.N.D. University, Amritsar
3	Teja Singh and Ganda Singh,	A Short History of the Sikhs Vol. (1469-1765),	Patiala



POLITICAL SCIENCE- IV

Course Code	PLS202-19
Course Title	Political Science- IV
Type of course	Theory
L T P	4 0 0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. To enable the student to study and understand the basics of Indian Political System. 2. To aware the learners about the Indian Politics. 3. To provide the knowledge about political Parties. 4. To aware them about Elections and its Procedure. 5. To provide the information about Foreign Policy to Students.

Unit-I

Nature of party system in India: A critical evaluation. National Political Parties [Indian National Congress, BJP, CPI, CPI(M), BSP] : Ideology, Policy and Programs, Regional Political Parties (SAD, DMK, AIDMK): Ideology, Policy and Programs.

Unit-II

The Election Commission: A critical evaluation and Electoral reforms in India, Pressure Groups in Indian Politics- Types & Role, Voting Behaviour in India – its Determinants.

Unit-III

Emerging Trends in Indian Politics. Role of Caste, Religion in Indian Politics. Regionalism in Indian Politics-its causes & Impact.

Unit-IV

Basic principles and determinants of Indian Foreign Policy. Non-Alignment: Meaning and Nature Non-alignment Movement- its Relevance.

Text and References Books

S.NO	Author's	Title	Publisher
1	S.D. Muni	India's Foreign Policy : The Democracy Dimension	Cambridge University Press India, New Delhi
2	Zoya Hasan	Parties and Party Politics in India	Oxford University Press, New Delhi.
3	Partha Chatterjee (ed.)	State and Politics in India	Oxford University Press

EDUCATION –IV

Course Code	EDU240-19
Course Title	Education –IV
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. To make the students familiar with the concept of Universalization of Elementary Education and its problems. 2. To make the students familiar with the structure of Secondary Education in India. 3. To enable the students to know about the need and importance of vocationalisation of secondary education. 4. To make the students familiar with the problems of education for 21st century. 5. To make the students aware about the different regulatory bodies.

UNIT-I

Meaning & aims of Elementary Education

Universalization of Elementary Education–Need & importance, problems of universalization of elementary education and suggestions for their removal

UNIT-II

Secondary Education—Meaning, structure, aims and problems of secondary education

Vocationalisation of Secondary Education – Meaning, Need & importance and its problems

UNIT-III

Role of Sarv Shiksha Abhiyan in strengthening Elementary Education

Right to Education Act – 2009

UNIT-IV

Functions of School Education Boards

Functions of NCERT, SCERT, UGC

Recommended Books:

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Bhullar, G.K.	2010	Emerging Indian Education: Challenges and Trends	Jalandhar: Modern Publishers.
2	Sodhi, T.S.	2007	Emerging Trends in Indian Education	Patiala: Bawa Publication.

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
2	Bhatnagar, S.	2006	Modern Indian Education and its Problems	Meerut: R. Lall Book Depot.

PHYSICAL EDUCATION-IV (THEORY)

Course Code	PED202-19
Course Title	Physical Education-IV (Theory)
Type of Course	Theory
L T P	3:0:0
Credits	3
Course pre-requisite	NA
Course Objectives	After the completion of the course, students will be able to: <ol style="list-style-type: none">1. Understand the various theories of physical education.2. Explain the historical development in India.3. Gain knowledge of weight management ,BMI and obesity.4. Gain knowledge about transfer of training.5. Explain the Learning and laws of learning.6. Understand the play theories.

UNIT-I

Indus Valley Civilization Period. (3250 BC – 2500 BC), Vedic Period (2500 BC – 600 BC) Early Hindu Period (600 BC – 320 AD) and Later Hindu Period (320 AD – 1000 AD), Medieval Period (1000 AD – 1757 AD), Physical Education in India (After 1947), Contribution of Akhadas and Vyayamshals, Y.M.C.A. and its contributions

UNIT-II

Meaning of weight management Concept of weight management in modern era factor affecting weight management and values of weight management.
Concept of BMI (Body mass index), Obesity and its hazard, Myth of Spot reduction, Dieting versus exercise for weight control, Common Myths about Weight Loss.
Obesity –Definition, meaning and types of obesity, Health Risks Associated with Obesity, Obesity - Causes and Solutions for overcoming obesity.

UNIT-III

Play meaning and theories. Meaning of circuit training and its types, Psychological characteristics of the adolescent in sports situations

UNIT-IV

Meaning of Learning, Nature of Skill Learning and laws of Learning, Learning Curve, Preparation of pre-competition

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
10	R.D. Kansal	2015	Physical Education and Sports	Kalyani Publishers Ludhiana

Reference Books—

S. No.	Author(S)	Year	Title	Publisher
1	Singh Kanwaljit & Singh Inderjeet	2000	Sports Sociology	Friends Publication New Delhi
2	Tandon, D.K.	2001	Scientific basis of Physical Education	Friends Publication New Delhi
3	Singh Ajmer and Gill Jagtar	2004	Essentials Physical Education	Kalyani Publishers Ludhiana
4	Kang G.S.	2000	Anatomy, Physiology and Health Education	Publication Bureau, Punjabi Uni. Patiala
5	Kang G.S. and Deol, N.S.	2008	Health and Physical Education	21 st Century, Patiala, 2008



PSYCHOLOGY-IV (THEORY)

Course Code	PSY202-19
Course Title	Psychology-IV (Theory)
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. To enable the students to understand the concept, types and theories of different sensations.2. To enable the students to get understanding of perception, thinking, reasoning, problem solving and concept formation.3. To enable the students to get insight into the use of elementary statistics.

Note—The use of non-programmable calculators and statistical tables is allowed in the examination.

UNIT-I

Sensation—concept and types; visual sensation—structure and functioning of eye, theories of colour vision (Young Helmholtz, Opponent process and Evolutionary theory), Brief introduction to cutaneous and olfactory sensation.

Auditory Sensation—structure and functioning of ear, theories of hearing, Gustatory sensation.

UNIT-II

Perception—Meaning, nature and factors affecting perception, principles of perception (organization), Perception of form, space and movement, selective attention.

Illusion—types, causes and theories.

UNIT-III

Thinking and problem solving—nature, types and tools of thinking, nature and stages of problem solving, factors affecting problem solving.

Reasoning and concept formation—nature and types of reasoning and concept formation, processes of concept formation.

UNIT-IV

Normal probability distribution—properties and applications, Hypothesis testing—Type I and Type II errors, Chi square test application to one way and two way classifications.

Correlation: Rank Order and Product moment method.

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Jain, S.	2000	Introduction to Psychology	Kalyani Publications, Ludhiana.
2	Morgan, C.T., King, R.A., Weisz, J.R. & Schopler, J.	1999	Introduction to Psychology	Mcgraw Hill Book Co., New York.

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Baron, R.A.	1996	Psychology	Prentice Hall of India, New Delhi.
2	Ciccarelli, D.	2008	Introduction to Psychology	Pearson Publications, Delhi.
3	Garrett, H.E.	1966	Statistics in Psychology and Education	Vakils, Feffer and Simons, New Delhi.



ENGLISH (ELECTIVE)-IV

Course Code	ENG204-19
Course Title	English(Elective)-IV
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. Students will demonstrate familiarity with major authors, works, genres 2. Students will demonstrate the ability to read, write, and think critically 3. Students will use transcription conventions appropriately when transcribing words

UNIT I

Modern Prose—Essays at serial No. 3, 4,5,7,11,12

UNIT II

Dispelling Silence – Stories at serial No. 1, 2, 6, 7, 8, 10, 11, 12

UNIT III

New Directions (Part 4-5)

UNIT IV

Words for Transcription: accommodation, appreciation, capability, civilization, examination, pronunciation, university, terminology, utility, nationality, objectionable, rationality, testimonial, vocabulary, superintendent, satisfactory, rehabilitate, consultation, dictionary, veterinary, espionage, singularity, tranquility, interference, pavilion, superiority.

Texts & Recommended Books:

S. No.	Author(S)	Year	Title	Publisher
1	G.N.D.U. Amritsar	2001	Modern Prose	G.N.D.U. Amritsar
2	G.N.D.U. Amritsar	1991	Dispelling Silence: Short Stories	G.N.D.U. Amritsar
3	Abrams, M.H.	2008	Glossary of Literary Terms	Wadsworth CENGAGE Learning Publishers
4.	Gardener S. Peter	2009	New Directions	Cambridge University Press

PUNJABI (ELECTIVE) IV

Course Code	PBI204-19
Course Title	Punjabi Elective-IV
Type of Course	Theory
LT P	4:0:0
Credits	4
Course Prerequisite	N.A
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਇਤਿਹਾਸ ਤੋਂ ਜਾਣੂ ਹੋ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹਾਂ ਦੀ ਉਚਿਤ ਵਰਤੋਂ ਕਰਨ ਦਾ ਹੁਨਰ ਆ ਜਾਵੇਗਾ। 3. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਵੱਖ-ਵੱਖ ਰੂਪਾਂ ਦੀ ਪ੍ਰਕਿਰਤੀ ਸਮਝ ਜਾਣਗੇ। 4. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਲੋਚਨਾ ਪ੍ਰਣਾਲੀ ਦੇ ਮੂਲ ਸੰਕਲਪਾਂ ਸੰਬੰਧੀ ਗਿਆਨ ਹੋ ਜਾਵੇਗਾ। 5. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਕਾਸ ਦਾ ਵਿਸ਼ਲੇਸ਼ਣਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਯੋਗ ਹੋ ਜਾਣਗੇ।

ਭਾਗ-ੳ

ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (1701-1900): ਸਾਹਿਤਕ ਰੂਪ, ਧਾਰਾਵਾਂ ਅਤੇ ਪ੍ਰਵਿਰਤੀਆਂ।

ਭਾਗ-ਅ

ਆਲੋਚਨਾ ਪ੍ਰਣਾਲੀ ਦੇ ਮੂਲ ਸੰਕਲਪ: ਬਿੰਬ, ਪ੍ਰਤੀਕ, ਬਣਤਰ, ਕਥਾਨਕ, ਪਾਤਰ ਉਸਾਰੀ, ਰੂਪ ਤੇ ਵਸਤੂ, ਅਨੁਕਰਣ, ਵਿਰੇਚਣ।

ਭਾਗ-ੲ

ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ: ਸੰਕਲਪ ਅਤੇ ਵਰਤੋਂ।

ਭਾਗ-ੳ

ਸਾਹਿਤ ਰੂਪ: ਵਾਰ, ਜੰਗਨਾਮਾ, ਕਿੱਸਾ ਅਤੇ ਕਾਫੀ (ਪਰਿਭਾਸ਼ਾ, ਪ੍ਰਕਿਰਤੀ ਅਤੇ ਤੱਤ)
ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਗੁਰਮੁਖੀ ਲਿੱਪੀ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ।

ਪਾਠ ਅਤੇ ਹਵਾਲਾ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰਜ਼
(ਸੰਪਾਦਕ) ਜੱਗੀ, ਰ. ਸਿੰਘ	1992	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (1701-1900)	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਸਿੰਘ; ਹ.	1966	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਸਿੰਘ; ਤੀਰਥ (ਡਾ.)	2014	ਪੰਜਾਬੀ ਅਧਿਆਪਨ	ਐੱਸ. ਜੀ. ਪਬਲਿਸ਼ਰਜ਼, ਜਲੰਧਰ
ਸੇਖੋਂ; ਸੁਖਵਿੰਦਰ ਸਿੰਘ (ਡਾ.) ਅਤੇ ਸੇਖੋਂ; ਮਨਦੀਪ ਕੌਰ	2015	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਅਧਿਆਪਨ	ਕਲਿਆਣੀ ਪਬਲਿਸ਼ਰਜ਼, ਲੁਧਿਆਣਾ

MUSIC VOCAL- IV (THEORY)

Course Code	MUC202-19
Course Title	Music Vocal –IV (Theory)
Type of course	Theory
L T P	2:0:0
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. The students will be able to understand the need, content and process and basic guidelines of music. 2. The students will be able to develop right understanding for music. 3. The students will be able to realize the significance of music.

UNIT-I

Historical Study of Indian Music Descriptive & Comparative study of the following gayan shallies: Drupad – Dhamar Kajri – Hori Saadra – Daadra Thumri – Tappa Drut Khayal – Tarana

UNIT-II

Biography and contribution toward Indian Music of the following viz. Pt. Rajan-Sajan Mishra, Pt. Bhimsen Joshi, Pt. Jasraj, Smt. Kishori Amonkar. Historical Development of VrindGaan in Vocal Music. Sailable feature of Gurmat sangeet. Folk Music of Punjab.

UNIT-III

Historical development of solo singing and its place in Modern period. Changing scenario in music after Independence. Different gayan shallies of Gurmat Sangeet.

UNIT-IV

Shruti Swar Sthapna on Veena by Pt. Ahobal, Pt. Srinivas, Acharya Brihaspati & Dr. Lalmani Mishra.

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	Dr. Arun Mishra	Bhartia Kanth Sangeet	Avam Vadya Sangeet Kanishka Publishers , New Delhi
2	Pt. Debu	On Indian Music	Howdery Roshan Press

ECONOMICS-IV

Course Code	ECO202-19
Course Title	Economics-IV
Type of Course	Theory
LTP	4:0:0
Credits	4
Course pre-requisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The objective of the course is to train the students in the use of basic mathematical and statistical tools in analyzing various economic phenomena.2. It deals with the design of how data is presented, the analysis of the data, and the drawing of conclusions from the data.3. To enable students to improve decision-making accuracy of the students and enabling them to test new ideas.

UNIT-I

Elementary Idea of Sets and Functions: Simple and Partial Derivatives, Differentiation of Simple functions –Polynomial (x) and Exponential functions. Maxima and Minima of functions of one variable only. Their Applications of Micro and Macro Economics.

UNIT-II

Matrices: Definition and Types, Operations (Sum, Difference, Product and Transpose), Ad joint and Inverse of a matrix (up to 3×3), Solution of Equations (up to 3) by Matrix Methods and Cramer's rule.

Measures of Central Tendency: Mean, Median, Partition Values, Mode, Measures of Dispersion, Skewness.

UNIT-III

Correlation Analysis—Karl Pearson's (except grouped data) and Spearman's formula, Simple Regression Analysis.

Interpolation— Binomial, Expansion, Newton's (Advancing Difference Method) and Lagrange's Method.

UNIT-IV

Index Numbers: Concepts, Problems and Importance, Simple Index Number, Lespeyre's and Fisher's Index Numbers only (among weighted index numbers), Reversibility Tests.

Time Series Analysis: Components of Time Series, Determination of Trend, Least Square and Moving Average Method.

Text and Reference books

S.NO.	Author(S)	Title	Publisher
1.	Archibald, G. C. and Lipsey, R. G.	An Introduction to a Mathematical Treatment of Economics,	Weidenfeld and Nicolson, English Language Book Society
2.	Gupta, S.C.	Fundamentals of Statics	Himalaya Publishing House, Mumbai
3.	Sanchati, D. C. & Kapoor, V. K.	Business Mathematics	Sultan Chand & Sons, New Delhi.
4.	Yamane, Taro	Economists	Prentice Hall, New Delhi



MATHEMATICS-IV

Course Code	MAT202-19
Course Title	Mathematics-IV
Type of course	Theory
L T P	6:0:0
Credits	6
Course prerequisite	NA
Course Objective (CO)	1. To provide the excellent training in scientific data collection , management , methods and procedures of data analysis moreover it deals with the relationship of operations on linear transformation and corresponding matrices.

UNIT-I

Linear Algebra :Vector spaces, subspaces, algebra of subspaces, quotient spaces, linear combination of vectors,linear span, linear independence, basis and dimension, dimension of subspaces.Linear transformations, null space, range, rank and nullity of a linear transformation, matrixrepresentation of a linear transformation, algebra of linear transformations. Isomorphisms, Isomorphism theorems, invertibility and isomorphisms, change of coordinate Matrix.

UNIT-II

Statistical Methods:Random variables: Discrete and continuous random variables, p.m.f., p.d.f. and c.d.f.,illustrations of random variables and its properties, expectation of random variable and its properties. Moments and cumulants, moment generating function, cumulants generating function and characteristic function. Transformation in univariate and bivariate distributions. Bivariate probability distributions; marginal and conditional distributions; independence of variates (onlygeneral idea to be given).

UNIT-III

Application of sampling Distributions : Point (or degenerate), binomial, Poisson, Geometric, negative binomial, Hypergeometri Normal, Uniform, Exponential, Beta and Gama distributions.Statement and application of Chebychev's inequality, WLLN and SLLN, Central limit theorem(CLT) for I.i.d. variates, and its applications.De Moivre's Laplace Theorem.

UNIT-IV

Mathematical Programming Unconstrained and constrained optimization problems. Types of extrema and their necessary andsufficient conditions.Convex functions and their properties.Kuhn-Tucker optimality conditions. QuadraticProgramming.Wolfe's Method. Recommended books:-

S. No	Name	Author(S)	Publisher
1	Linear Algebra	Stephen H. Friedberg, Arnold J. Insel, Lawrence E. Spence	4th Ed., Prentice-Hall of India Pvt. Ltd., New Delhi, 2004.
2	Fundamentals of Mathematical Statistics	S.C. Gupta and V.K. Kapoor	11th Ed., Sultan Chand and Sons, 2007
3	Numerical Optimization with Applications	S. Chandra, Jayadeva, Aparna Mehra	Narosa Publication House, 2009.

PSYCHOLOGY-IV (PRACTICAL)

Course Code	PSY204-19
Course Title	Psychology-IV (Practical)
Type of course	Practical
L T P	0:0:2
Credits	1
Course prerequisite	NA
Course Objective (CO)	1. After the completion of the course, students will be able to administer and interpret various psychological tests.

Four Practicals have to be performed out of six—

1. Division of Attention
2. Span of Attention
3. Effect of Mental set on Perception
4. Problem Solving
5. Concept Formation
6. Familiarization with Passi's Creativity Test

Recommended Books:

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Jain, S.	2000	Introduction to Psychology	Kalyani Publications, Ludhiana
2	Morgan, C.T., King, R.A., Weisz, J.R. & Schopler, J.	1999	Introduction to Psychology	Mcgraw Hill Book Co., New York

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Baron, R.A.	1996	Psychology	Prentice Hall of India, New Delhi
2	Ciccarelli, D.	2008	Introduction to Psychology	Pearson Publications, Delhi

PHYSICAL EDUCATION- IV (PRACTICAL)

Course Code	PED204-19
Course Title	Physical Education-IV (Practical)
Type of Course	Practical
L T P	0:0:2
Credits	1
Course pre-requisite	NA

Marks: 40

- I. Division of Marks: Athletics (12) + Games (12) +Ground Markings (3+3),
- II. Practical Note Book (5), Viva-Voce (5)
- III. Athletics Performance ----- 800M, High Jump for Boys, High Jump for Girls
- IV. Games (Boys & Girls)---- Fundamentals, Rules, Performance
- V. Table Tennis
- VI. Kabbaddi



MUSIC (VOCAL)-IV (PRACTICAL)

Course Code	MUC204-19
Course Title	Music Vocal-IV
Type of course	Practical
L T P	0:0:4
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The students will be able to understand the need, content and process and basic guidelines of music.2. The students will be able to develop right understanding for music.3. The students will be able to realize the significance of music.

List of Practical

- I. Janpuri, asavari, desh
- II. Talas: teental, rupak, talwara
- III. One shabad
- IV. One folk song
- V. One Gazal
- VI. One tarana of any ragas
- VII. Sing with tanpura
- VIII. Knowledge of one vilamvat kiyal

Reference Books:

S. No.	Author(S)	Title	Publisher
1	Devinder kaur	Sangeet roop	Avam Vadya Sangeet Kanishka Publishers , New Delhi
2	Shanti goverdhan	Sangeet darpan	Howdery Roshan Press

GENERAL ENGLISH-V

Course Code	ENG301-19
Course Title	General English-V
Type of Course	Theory
L T P	3:0:0
Credits	3
Course pre-requisite	NA
Course Objectives	<p>Course has been designed with the following objectives:</p> <ol style="list-style-type: none"> 1. The main objective of the course is to develop sensibility and emotions of students with the purpose to enable them to relish literature. 2. To motivate them for self- learning with the purpose to acquire success in every walk of life. 3. Students should be encouraged to think on their own and form their ideas using their experience, knowledge and imagination than being text or teacher dependent.

UNIT-I

Poems of Nature and Culture:

William Wordsworth: The World is Too Much With Us, The Solitary Reaper ,Gordon Lord Byron: She Walks in Beauty, P.B. Shelly: Ozymandias ,John Keats: La Belle Dame Sans Merci , Alfred Lord Tennyson: In Memoriam.

UNIT-II

All My Sons (Arthur Miller) Act 1

Poems of Nature and Culture: Robert Browning: Meeting at Night, Mathew Arnold: Dover Beach, W.B. Yeats: Words.

UNIT –III

All My Sons (Arthur Miller) Act 2

Poems of Nature and Culture: Robert Graves: The Portrait, W.H. Auden: The Unknown Citizen, Ted Hughes: The Thought-Fox.

UNIT-IV

All My Sons (Arthur Miller) Act 3

Poems of Nature and Culture

Sylvia Plath: Mirror , Rabindranath Tagore: False Religion ,Nissim Ezekiel: Night of Scorpion

English Grammar in Use: Unit 113 to 136

Text and Reference books:

S. No.	Author(s)	Title	Publisher
1.	Arthur Miller	All MY SONS	Penguin Classics
2.	Poetry collection by different authors	Poems of Nature and Culture	Publication Bureau, GNDU Amritsar
3	Raymond Murphy	English Grammar in Use	Cambridge University Press New Delhi

GENERAL PUNJABI-V

Course Code	PBI301-19
Course Title	General Punjabi-V
Type of Course	Theory
L T P	3:0:0
Credits	3
Course Prerequisite	N.A
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵੀਆਂ ਦੀ ਜੀਵਨੀ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਰੇਖਾ ਚਿੱਤਰਾਂ ਦਾ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ। 4. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤਬੰਦੀ ਸੰਬੰਧੀ ਗਿਆਨ ਹਾਸਿਲ ਹੋ ਜਾਵੇਗਾ। 5. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਉਪ- ਭਾਸ਼ਾਵਾਂ ਨੂੰ ਪਛਾਨਣਯੋਗ ਹੋ ਜਾਣਗੇ।

ਭਾਗ-ੳ

ਜੱਗ ਬੀਤੀ ਹੱਡ ਬੀਤੀ (ਕਥਾ ਸੰਗ੍ਰਹਿ) (ਪਹਿਲੀਆ ਛੇ ਕਹਾਣੀਆ) ਸੰਪਾ.ਜੁਗਿੰਦਰ ਸਿੰਘ ਰਾਹੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ, 2008.

ਭਾਗ-ਅ

ਗੱਦ ਪ੍ਰਵਾਹ (ਭਾਗ-ਪਹਿਲਾ) ਸੰਪਾ. ਬਿਕਰਮ ਸਿੰਘ ਘੁਮਣ ਅਤੇ ਜਸਪਾਲ ਸਿੰਘ ਰੰਧਾਵਾ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ, 2007.

ਭਾਗ-ੲ

ਲੇਖ ਰਚਨਾ
ਸਰਲ ਅੰਗਰੇਜੀ ਪੈਰੇ ਦਾ ਪੰਜਾਬੀ ਵਿਚ ਅਨੁਵਾਦ

ਭਾਗ-ਸ

ਵਿਆਕਰਣ
ਨਾਂਵ ਵਾਕੰਸ਼ : ਪਰਿਭਾਸ਼ਾ, ਬਣਤਰ, ਤੇ ਪ੍ਰਕਾਰ।
ਵਾਕਾਤਮਕ ਜੁਗਤਾਂ: ਮੇਲ ਤੇ ਅਧਿਕਾਰ

ਹਵਾਲਾ ਅਤੇ ਪਾਠ- ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰਜ
ਸੰਪਾ.ਜੁਗਿੰਦਰ ਸਿੰਘ ਰਾਹੀ	2008	ਜੱਗ ਬੀਤੀ ਹੱਡ ਬੀਤੀ (ਕਥਾ ਸੰਗ੍ਰਹਿ)	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ
ਸੰਪਾ. ਬਿਕਰਮ ਸਿੰਘ ਘੁਮਣ ਅਤੇ ਜਸਪਾਲ ਸਿੰਘ ਰੰਧਾਵਾ	2007	ਗੱਦ ਪ੍ਰਵਾਹ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ
ਸਿੰਘ; ਹਰਕੀਰਤ	1966	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਸਿੰਘ; ਤੀਰਥ (ਡਾ.)	2014	ਪੰਜਾਬੀ ਅਧਿਆਪਨ	ਐੱਸ. ਜੀ. ਪਬਲਿਸ਼ਰਜ, ਜਲੰਧਰ
ਸੇਖੋਂ; ਸੁਖਵਿੰਦਰ ਸਿੰਘ (ਡਾ.) ਅਤੇ ਸੇਖੋਂ; ਮਨਦੀਪ ਕੌਰ	2015	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਅਧਿਆਪਨ	ਕਲਿਆਣੀ ਪਬਲਿਸ਼ਰਜ, ਲੁਧਿਆਣਾ

HISTORY AND CULTURE OF PUNJAB-V

Course code	HCP301-19
Course title	History And Culture Of Punjab –V
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course objectives (CO)	<ol style="list-style-type: none"> 1. The Student will acquire the knowledge of Colonial Policy & Modern Education. 2. The Student will understand the Socio-Religious Reform Movements. 3. The Student will acquire the knowledge of Partition Circumstances.

UNIT I

Early British Administration: Board of Administration 1849-1853; Reforms under John Lawrence. Colonial Policy: Agriculture, Trade & Industry. Spread of Modern Education.

UNIT II

Impact of Socio-Religious Reform Movements: Namdharis, Singh Sabha. Impact of Socio-Religious Reform Movements: Arya Samaj, Ahmediyas. Uprising of 1907: Causes and Consequences.

UNIT III

Ghadar Movement: Origin and Activities. Jallianwala Bagh: Circumstances and Consequences. Gurudwara Reform Movement: Causes and Consequences.

UNIT IV

Response to Non Co-operation, Civil Disobedience. Partition: Circumstances & Impact. Important Historical Places: Delhi, Amritsar, Lahore, Lyallpur, Montgomery, Jaito, Nankana Sahib, Khemkaran, TarnTaran, Jalandhar, Sargodha, Sialkot, Ambala.

Text and References Books:

S.NO.	Author's	Title	Publisher
1	Sukhdev Sharma	History And Culture Of Punjab	New Academic Publisher
2	Kirpal Singh	History and Culture of the Punjab, Part II (Medieval Period)	Publication Bureau, Punjabi University, Patiala.

ਮੁਢਲੀ ਪੰਜਾਬੀ

Course Code	PBI 305-19
Course Title	ਮੁਢਲੀ ਪੰਜਾਬੀ-V
Type of Course	Theory
L T P	3: 0:0
Credits	3
Course Pre-requisite	B.A.
Course Objectives (CO)	ਵਿਦਿਆਰਥੀ: <ol style="list-style-type: none"> 1. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਸੰਬੰਧੀ ਸਮਝ ਪ੍ਰਾਪਤ ਕਰਨਗੇ। 2. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀਆਂ ਪ੍ਰਵਿਰਤੀਆਂ ਸੰਬੰਧੀ ਜਾਣੂ ਹੋ ਜਾਣਗੇ। 3. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਅਰਥਾਂ ਨੂੰ ਸਮਝ ਸਕਣਗੇ। 4. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਕਾਸ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰ ਲੈਣਗੇ।

ਭਾਗ ਪਹਿਲਾ

(ੳ) ਸੰਖੇਪ ਰਚਨਾ

(ਅ) ਇਸਤਿਹਾਰ

ਭਾਗ ਦੂਸਰਾ

(ੳ) ਉਪ-ਵਾਕ

(ਅ) ਸ਼ਬਦ, ਭਾਵੰਸ਼, ਵਾਕੰਸ਼

ਭਾਗ ਤੀਸਰਾ

(ੳ) ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ

(ਅ) ਪਾਤਰ ਉਸਾਰੀ

ਭਾਗ ਚੌਥਾ

(ੳ) ਲੇਖ ਰਚਨਾ

(ਅ) ਬਿੰਬ ਅਤੇ ਪ੍ਰਤੀਕ ਦੀ ਵਰਤੋਂ

ਸਹਾਇਕ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1971	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਇਤਿਹਾਸ (ਭਾਗ ਪਹਿਲਾ)	ਭਾਸ਼ਾ ਵਿਭਾਗ, ਪੰਜਾਬ, ਪਟਿਆਲਾ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1974	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ	ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ, ਲੁਧਿਆਣਾ
ਹਰਕੀਰਤ ਸਿੰਘ	1976	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਆਲੋਚਨਾਤਮਕ ਇਤਿਹਾਸ	ਪੈਪਸੂ ਬੁੱਕ ਡਿਪੋ, ਪਟਿਆਲਾ
ਰਾਮ ਸਿੰਘ	2000	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਕਾਸ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀ, ਅੰਮ੍ਰਿਤਸਰ

ਸੰਬੰਧਿਤ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਸਿੰਘ; ਜੀ. ਬੀ.	1950	ਗੁਰਮੁਖੀ ਲਿੱਪੀ ਦਾ ਜਨਮ ਅਤੇ ਵਿਕਾਸ	ਪੰਜਾਬ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜ੍ਹ
ਸਿੰਘ; ਹ.	1966	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

LEGAL LITERACY-V

Course Code	SSC301-19
Course Title	LEGAL LITERACY-V
Type of course	Theory
L T P	3: 0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The Proposed course aims to acquaint students with the structure and manner of functioning of the legal system in India2. To make them aware of the institutions that comprise the legal system - the courts, police, jails and the system of criminal justice administration Have a brief knowledge of the Constitution and laws of India

Unit-I

Outline of the Legal system in India, System of courts/tribunals and their jurisdiction in India - criminal and civil courts, writ jurisdiction, specialized courts such as juvenile courts, Mahila courts and tribunals. Role of the police and executive in criminal law administration

Unit-II

Brief understanding of the laws applicable in India- Constitution - fundamental rights, fundamental duties, other constitutional rights ,Laws relating to criminal jurisdiction - provision relating to filing an FIR, arrest, bail , important offences under the Indian Penal Code, offences against women, juvenile justice, prevention of atrocities on Scheduled Castes and Scheduled Tribes - Concepts like Burden of Proof, Presumption of Innocence.

Unit-III

Principles of Natural Justice, Fair comment under Contempt laws - Personal laws in India: Pluralism and Democracy - Laws relating to contract, property; tenancy laws, labour laws, and environmental laws.- Laws relating to dowry, sexual harassment and violence against women- Laws relating to consumer rights.

Unit-IV

Access to courts and enforcement of rights - Critical Understanding of the Functioning of the Legal System - Legal Services Authorities Act and right to legal aid, ADR systems

Text and Recommended Books:

S. No.	Author(S)	Year	Title	Publisher
1	Edited by Kamala	2007	Creating Legal Awareness	Delhi: OUP
2	S.K. Agarwala	-	Public Interest Litigation	

HISTORY-V

Course Code	HIS301-19
Course Title	History- V
Type Course	Theory
L T P	4:0:0
Credits	4
Course Pre-requisite	NA
Course Objective (CO)	<p>On Completion of This Course the Students Will Be Able to:</p> <ol style="list-style-type: none"> 1. To know about the Emergence of the Modern World: Renaissance and reformation 2. Understand revolutions of Different countries of the world 3. Acquaint about the outbreak of World Wars, the UNO; the Cold War: NATO and the Warsaw Pact.

UNIT –I

Emergence of the Modern World: Causes, effects of Renaissance in Europe; Martin Luther's Protestantism; French Revolution: Causes; National Assembly; National Convention; Reign of Terror. Napoleonic Era: Napoleon's rise to Power, Civil Works and Codes, Continental System, Downfall of Napoleon.

UNIT -II

Rise of Nationalism in Europe: Impact of Industrial Revolution, Unification of Italy and role of Cavour, Mazzini and Garibaldi, Unification of Germany; Bismark, William Kaiser.

The World War-I: Causes, Course of the war, Treaty of Versailles; League of Nations.

Russian Revolution: Causes.

UNIT -III

Rise of China and Japan : The revolution of 1911; Sunyet Sen; Rise of Communism in China; the Revolution of 1949; Opening up of Japan; Meiji restoration and the Modernization of Japan; Russo Japanese War: Causes; Impact of 2nd World War on Japan.

UNIT -IV

Nationalism after World War-I; Modernization of Turkey under Kamal Pasha;

Rise of USA as World Power: Entry in the First World War; 14 points of President Wilson; New Deal of Roosevelt 2nd World War and the USA. Causes & Results of 2nd World War; Hitler, Internal and External Policy of Hitler; Outbreak of War and Victory of the Allies, the UNO; the Cold War: NATO.

Suggested Readings:

S.No.	Author(S)	Title	Publisher
1	Chris Harman	A People's History of the World	Orient Longman Hyderabad
2	H.M. Vinacke	A History of the Far East Modern Times	George Allen Unwin London 1967

POLITICAL SCIENCE-V

Course Code	PLS301-19
Course Title	Political Science –V
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. To enable the student to study and understand the comparative Politics. 2. To aware the learners about the British Political System. 3. To provide the knowledge of The Constitutional framework of U.S. 4. To provide the information about Political Parties and Pressure Groups of U.K. &USA.

Unit-I

Meaning, Nature and Scope of Comparative Government and Politics, Comparative Method.

Unit-II

The British Political System - Salient Features and Conventions, Executive: Monarchy:- Difference between King and Crown, Powers of Crown, Nominal and Real position Justification of Monarchy, Features of Parliamentary Cabinet Government, Prime Minister:- Composition, Powers, Position and Role, Legislature: House of Lords: - Composition, Powers, Criticism & Utility, House of Commons: - Composition, Powers, Mutual relations between House of Lords and House of Commons, Judiciary: Organization of Courts in U.K, Rule of Law.

Unit-III

The Constitutional framework of U.S: Salient features, Separation of Powers & Checks & Balances, Federal System- Meaning, Features, Tendency towards Centralization and its future, Executive: Elections of U.S. President, Composition, Powers & Position of U.S. President. Legislature/Congress: House of Representative- Composition, Power, House of Representative is the weakest chamber, Senate – Composition, Powers, Most Powerful Second Chamber, Mutual relations between House of Representative & Senate, Judiciary: Supreme Court - Organization, Composition, Powers & its Role, Power of Judicial review.

Unit-IV

Political Parties and Interest/Pressure Groups of U.K- Nature & Role ,Political Parties and Interest/ Pressure Groups of U.S.A. - Nature & Role.

Text and References Books

Sr N	Author's	Title	Publisher
1	Hague and Harrop	Comparative Government and Politics,	Palgrave, New York.
2	V.N. Khanna	Comparative Study of Government and Politics	Vishal Publication , New Delhi

EDUCATION- V

Course Code	EDU301-19
Course Title	Education- V
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. To enable the students to know about History of Indian Education. 2. To enable the students to understand the features of basic education. 3. To make the students familiar with the constitutional provisions of Education. 4. To enable the students to know about Adult, Continuing and Environmental Education.

UNIT-I

Concept of Education in Vedic-Era with special reference to aims, curriculum & role of teacher
Education in Buddhist period with special reference to aims, curriculum & role of teacher

UNIT-II

Salient features of Indian Education during Medieval period
Recommendations of Major Commissions & Committee set up during British Period with special reference to Charter Act (1813), Maculay's Minute (1835) and Wood's Despatch (1854)

UNIT-III

Concept & features of Basic Education
Constitutional Provisions of Education

UNIT-IV

RMSA (Rashtriya Madhmik Shiksha Abhiyan)—Concept, Objectives, Implementation
Adult, Continuing and Distance Education, Environmental Education, ICT in Education

Recommended Books:

S. No.	Author(S)	Year	Title	Publisher
1	Saxena Swaroop, N.R.	2005	Education in Emerging India	Meerut: R.Lall, Book Depot.
2	Aggarwal, J.C.	2004	Landmarks in the History of Modern Indian Education	New Delhi : Vikas Publishing House Pvt. Ltd.

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Aggarwal, J.C.	2006	Modern Indian Education: History Development and Problems	New Delhi, Shiplra Publication House.
2	Walia, J.S.	1999	Modern Indian Education and its problems	Jalandhar: Paul Publishers.
3	Govt. of India, Ministry of Human Resources Development, National Policy of Education, New Delhi, 1986 (with Modifications undertaken in 1992), New Delhi, 1992.			

PHYSICAL EDUCATION-V (THEORY)

Course Code	PED301-19
Course Title	Physical Education-V (Theory)
Type of Course	Theory
L T P	3:0:0
Credits	3
Course pre-requisite	NA
Course Objectives	After the completion of the course, students will be able to: 1. Understand the various theories of Physical Education. 2. Explain the various system of human body. 3. Understand the Posture. 4. Gain knowledge about Postural Deformities. 5. Understand the Disability and Rehabilitation. 6. They will be able to understand about Massage. 7. Understand the sports and socialization.

UNIT- I

Circulatory System: Heart and Its structure, Mechanism of circulation of Blood, various types of blood vessels.

Endocrine system, meaning of endocrine glands, functions and location of pituitary, thyroid and adrenal glands.

Respiratory system, organs of respiratory, Mechanism of respiration.

Excretory system; Structure and functions of kidney and skin.

Nervous System : Its organs and functions.

Care, prevention of causes and cure of sports injuries (sprain, contusion, dislocation and fractures).

UNIT- II

Posture: - Meaning and Characteristics of Good posture, Causes and correction of poor posture, Posture of Walking, Standing, Sitting and lying.

Postural deformities: - Meaning Causes, and correction exercise for spine(Kyphosis, Lordosis, Scoliosis), foot (Flat foot) and legs(Knock knees & bow legs ,) deformities.

UNIT- III

Disability and Rehabilitation:-Meaning, Causes and prevention of disability

Rehabilitation: Meaning, Services available, role of community and role of United Nations in Rehabilitation.

Massage: Meaning, Principles, Types, benefits and contraindications of various techniques of massage, Effects of Massage on Skin, Circulatory, Nervous and muscular System.

UNIT- IV

Sociological Aspects of Physical Education: Meaning of Sociology & Sports sociology and importance of sports sociology in Physical Education, Socialization in sports at Home, Schools and Community.

Adventure Sports ;Meaning Objectives, Types of Activities and Safety Measures.

Pollution: Meaning, causes, bad effects and remedial measures of Air & Water pollution.

Recommended Books--

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	R.D. Kansal	2015	Physical Education and Sports	Kalyani Publishers Ludhiana

Reference Books—

S. No.	Author(S)	Year	Title	Publisher
1	Singh Kanwaljit & Singh Inderjeet	2000	Sports Sociology	Friends Publication New Delhi
2	Tandon, D.K.	2001	Scientific basis of Physical Education	Friends Publication New Delhi
3	Singh Ajmer and Gill Jagtar	2004	Essentials Physical Education	Kalyani Publishers Ludhiana
4	Kang G.S.	2000	Anatomy, Physiology and Health Education	Publication Bureau, Punjabi Uni. Patiala
5	Kang G.S. and Deol, N.S.	2008	Health and Physical Education	21 st Century, Patiala, 2008



PSYCHOLOGY-V (THEORY)

Course Code	PSY301-19
Course Title	Psychology-V (Theory)
Type of course	Theory
L T P	3: 0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. To enable the students to explain about abnormal psychology with emphasis on the dynamics of some of the behavioural disorders and therapies.2. To enable the students to have some knowledge about stress and coping.3. To enable the students to get acquainted with elementary inferential statistics.

Note—The use of non-programmable calculators and statistical tables is allowed in the examination.

UNIT-I

Abnormality: Concept and Criteria of Abnormality. Myth and Misconceptions regarding Abnormal Behaviour, DSM IV classification of Abnormal Behaviour-Advantages and Disadvantages

Theoretical Perspectives of Psychopathology: Psychoanalytic, Behavioural, Cognitive Behavioural, Humanistic and Interpersonal

UNIT-II

Stress & Coping: Stress: Concept of Stress; Categories of Stressors; Dynamics of Stress; Coping Strategies, Problem Focussed and Emotion Focussed.

Stress Related Disorders: Coronary Heart Disease (CHD), Hypertension Ulcers & Migraine Pain: Symptoms Causes and general treatment of stress related disorders.

UNIT-III

Causes of Abnormal Behaviour: Biological Causes—(Genetic defects, constitutional liabilities, Brain dysfunction & Physical Deprivation). Psycho-Social Causes—(Self-perception and cognitive maps, early deprivation, inadequate parenting, pathogenic family structures, maladaptive peer relationship. Socio-Cultural Causes—(Socio-Cultural Environment and Pathogenic societal influences).

UNIT-IV

Alcoholism: Misconception about Alcohol & Alcoholism, Causes, Treatment & Outcomes.

Significance of Statistics: Mean, Standard Deviation, Correlation. Significance of Difference between Means (Correlated and Uncorrelated).

Recommended Books:

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Carson, R.C.; Butcher, J.N.; and Mineka, S.	2003	Abnormal Psychology and Modern Life	New York: Pearson Education.

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Davison, G.C. and Neale, J.M.	1998	Abnormal Psychology	New York: John Wiley and Sons.
2	Feldman, R.S.	1996	Understanding Psychology	New Delhi: Tata McGraw Hill.
3	Garrett, H.E.	1966	Statistics in Psychology and Education	Vakils, Feffer and Simons, New Delhi.



ENGLISH (ELECTIVE)-V

Course Code	ENG303-19
Course Title	English(Elective)- V
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The students will gain acquaintance with the English genre of Drama.2. The students will appreciate the use of wit and humour by Shakespeare.3. The students will analyze the historical development of English literature.

UNIT I

Merchant of Venice- Detailed analysis of the Text

UNIT II

Arms and the Man-- Detailed analysis of the Text

UNIT III

Background to the Study of English Literature: Chapters I and II from Section-I and Chapters I, II and III from Section-II

UNIT IV

Background to the Study of English Literature : Chapters I, II and III from Section-III

Texts & Recommended Books:

S. No.	Author(S)	Year	Title	Publisher
1	William Shakespeare	1992	Merchant of Venice	Penguin Books India
2	G.B. Shaw	1998	Arms and the Man	Penguin Books India
3	B. Prasad	2008	Background to the Study of English Literature	Macmillan India Limited

ELECTIVE PUNJABI-V

Course Code	PBI303-19
Course Title	Elcetive Punjab-V
Type of Course	Theory
L T P	4:0:0
Credits	4
Course Prerequisite	N.A
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵੀਆਂ ਦੀ ਜੀਵਨੀ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਰੇਖਾ ਚਿੱਤਰਾਂ ਦਾ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ। 4. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਸਾਹਿਤ ਬਾਰੇ ਗਿਆਨ ਹਾਸਿਲ ਹੋ ਜਾਵੇਗਾ। 5. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਨਾਟਕ ਨੂੰ ਪਛਾਨਣਯੋਗ ਹੋ ਜਾਣਗੇ।

ਭਾਗ-ੳ

ਪੰਜਾਬੀ ਕਾਵਿ ਸੰਗ੍ਰਹਿ(1700 ਈ. ਤੱਕ) ਸੰਪਾ.ਡਾ. ਗੁਰਸ਼ਰਨ ਕੌਰ ਜੱਗੀ ਤੇ ਡਾ. ਮਾਨ ਸਿੰਘ ਢੀਂਡਸਾ ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ,ਪਟਿਆਲਾ,2007.

ਭਾਗ-ਅ

ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ (ਬਲਵੰਤ ਗਾਰਗੀ) ਭਾਗ-ਪਹਿਲਾ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅੰਮ੍ਰਿਤਸਰ,2007.

ਭਾਗ-ੲ

ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ (ਬਲਵੰਤ ਗਾਰਗੀ) ਭਾਗ-ਦੂਸਰਾ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅੰਮ੍ਰਿਤਸਰ,2007.

ਭਾਗ-ਸ

ਪੰਜਾਬੀ ਨਾਟਕ (ਤੱਤੀ ਤਵੀ ਦਾ ਸੱਚ)-ਆਤਮਜੀਤ, ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਕੇਂਦਰ,ਦਿੱਲੀ,2006

ਹਵਾਲਾ ਅਤੇ ਪਾਠ- ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰ
ਸੰਪਾ.ਡਾ. ਗੁਰਸ਼ਰਨ ਕੌਰ ਜੱਗੀ ਤੇ ਡਾ. ਮਾਨ ਸਿੰਘ ਢੀਂਡਸਾ	ਪੰਜਾਬੀ ਕਾਵਿ ਸੰਗ੍ਰਹਿ(1700 ਈ. ਤੱਕ)	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ,ਪਟਿਆਲਾ
ਬਲਵੰਤ ਗਾਰਗੀ	ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅੰਮ੍ਰਿਤਸਰ
ਆਤਮਜੀਤ	ਤੱਤੀ ਤਵੀ ਦਾ ਸੱਚ	ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਕੇਂਦਰ,ਦਿੱਲੀ

MUSIC VOCAL – V (THEORY)

Course Code	MUC-301-19
Course Title	Music Vocal- V (Theory)
Type of course	Theory
L T P	2:0:0
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The students will be able to understand the need, content and process and basic guidelines of music.2. The students will be able to develop right understanding for music.3. The students will be able to realize the significance of music.

UNIT-I

Life Sketches and contribution of: Heera Bai Barodkar, Bhatkhande.

Ragas: Kalyan, Shudh Kalyan, Bihag, Maaru Bihag.

UNIT-II

Brindabani Sarang ,Shudh Sarang ,Malkauns ,Chandrakauns

Explain: Gram and Moorshana.

UNIT-III

Detailed study of any five Ragas and non detailed study of three Ragas. Any two vilambit Khayals and five drut khayals with proper style of gayaki.

Describe: Basant, Asavari, Kafi.

UNIT-IV

Role of music in human life and classification of Indian Musical Instruments.

Short description of three non details Ragas. Ability to play Ek Taal, Char Taal, Dhamar, Rupak on Hand.

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	Dr. Shanker Lal Mishra	Naveen Khayal Rachnawali	Avam Vadya Sangeet Kanishka Publishers , New Delhi
2	Dr. S.N. Rattanjanekar (Lkw)	Abhinav Geet Manjari Part I & II	Avam Vadya Sangeet Kanishka Publishers , New Delhi

ECONOMICS-V

Course Code	ECO301-19
Course Title	Economics-V
Type of Course	Theory
LTP	4:0: 0
Credits	4
Course pre-requisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The objective of the course is to introduce the students to the basic features, determinants, and theories and strategies of development of underdeveloped economies.2. It also introduces students to the theory of how control and direction of economic activity by a central public authority can be used as an alternative to market by the underdeveloped economies.

UNIT-I

Economic Growth and Development- Concept and Measurement. Main Features of an Underdeveloped Economy.

Determinants of Economic Development. Capital Formation: It's Source, Nurkse's Thesis of Disguised Unemployment. Lewis Theory of Unlimited Supply of Labour.

UNIT-II

Classical Model of Growth; Harrod-Domar Model of Economic Growth; One Sector Neo-classical Model of Growth. Solow Model of Growth. Dualism: Social and Technological.

UNIT-III

Theory of Big Push. Leibenstein's Critical Minimum Effect Thesis. Strategies of Economic Development: Balanced Vs. Unbalanced Growth. Rostow's Theory of Stages of Growth.

UNIT-IV

Theory of Planning in Developing Countries: Need, Objectives, Strategies and Problems of Planning. Price Mechanism and Planning. Investment Criteria. Choice of Technique. Emerging Strategies: Export Promotion and Import Substitution Strategy.

Text and reference books

S.NO.	Author(S)	Title	Publisher
1.	Higgins, Benjamin	Economic Development : Principles, Problems and Policies	Norton Publisher, New York.
2.	Meier, G.M.	Leading Issues in Economic Development	Oxford University Press, New York.
3.	Meier, G. M. and Rauch, James E.	Leading Issues in Economic Development	Eighth Edition, Oxford University Press.
4.	Nurkse, R.	Problems of Capital Formation in Underdeveloped Countries	Oxford University, Press.



MATHEMATICS-V

Course Code	MAT301-19
Course Title	Mathematics-V
Type of course	Theory
L T P	6:0:0
Credits	6
Course prerequisite	NA
Course Objective (CO)	1. To inculcate the traits of rational decision making. To develop the research proposal and also find out the optimal solution. It develops the techniques to simplify algebraic expressions.

UNIT-I

Inventory Systems and Marketing Management : Concepts and problems in Inventory Systems, classification of Inventory Systems, different costs in Inventory Systems and method of their estimation. Deterministic Inventory models with and without lead time and with and without shortages. Inventory models with all units Quality Discounts. Single period stochastic inventory models. Production scheduling problems. Concept of marketing and its role in organization. Marketing decisions, scientific marketing analysis. Uses and limitations of mathematical models in marketing, classification of market structure in competitive conditions. Demand elasticity, joint optimization of price, quality and promotional efforts. Pricing decisions, media allocation for advertisement. Brand switching analysis.

UNIT-II

Number Theory: Division algorithm, Lame's theorem, linear Diophantine equation, fundamental theorem of arithmetic, prime counting function, statement of prime number theorem. Goldbach conjecture, binary and decimal representation of integers, linear congruences, complete set of residues. Number theoretic functions, sum and number of divisors, totally multiplicative functions, definition and properties of the Dirichlet product, the Möbius inversion formula, the greatest integer function, Euler's phi-function.

UNIT-III

Algebra : Definition and examples of groups, examples of abelian and non-abelian groups, the group Z_n of integers under addition modulo n and the group $U(n)$ of units under multiplication modulo n . Cyclic groups from number systems, complex roots of unity, circle group, the general linear group $GL_n(n, R)$, groups of symmetries of (i) an isosceles triangle, (ii) an equilateral triangle, (iii) a rectangle, and (iv) a square, the permutation group $Sym(n)$, Group of quaternions. Subgroups, cyclic subgroups, the concept of a subgroup generated by a subset and the commutator subgroup of group, examples of subgroups including the center of a group. Cosets, Index of subgroup, Lagrange's theorem, order of an element, Normal subgroups: their definition, examples, and characterizations, Quotient groups.

UNIT-IV

Rings and field: Definition and examples of rings, examples of commutative and non-commutative rings: rings from number systems, Z_n the ring of integers modulo n , ring of real

quaternions, rings of matrices, polynomial rings, and rings of continuous functions. Subrings and ideals, Integral domains and fields, examples of fields: Z_p , Q , R , and C . Field of rational functions

Text and Reference Books:-

S. No	Book	Author(S)	Publisher
1	A First Course in Abstract Algebra	John B. Fraleigh	7th Ed., Pearson, 2002.
2	, Elementary Number Theory	David M. Burton	6th Ed., Tata McGraw-Hill Edition, Indian reprint, 2007
3	Abstract Algebra	M. Artin	2nd Ed., Pearson, 2011
4	Analysis of Inventory Systems	G. Hadley, T.M. Whitin	D.B. Taraporevala and Sons, Published by arrangement with Prentice Hall Inc., 1979.
5	Beginning Number Theory	Neville Robinns	2nd Ed., Narosa Publishing House Pvt. Limited, Delhi, 2007



PSYCHOLOGY-V (PRACTICAL)

Course Code	PSY303-19
Course Title	Psychology-V (Practical)
Type of course	Practical
L T P	0: 0:2
Credits	1
Course prerequisite	NA
Course Objective (CO)	1. After the completion of the course, students will be able to administer and interpret various psychological tests.

Four Practicals have to be performed out of six—

1. Word Association Test.
2. Adjustment Inventory.
3. Raven's Progressive Matrices/Cattell's Culture Fair Intelligence Test.
4. Measurement of Attitudes.
5. Measurement of Interests.
6. Locus of Control

Recommended Books:

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Carson, R.C.; Butcher, J.N.; and Mineka, S.	2003	Abnormal Psychology and Modern Life	New York: Pearson Education.

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Davison, G.C. and Neale, J.M.	1998	Abnormal Psychology	New York: John Wiley and Sons.
2	Feldman, R.S.	1996	Understanding Psychology	New Delhi: Tata McGraw Hill.

PHYSICAL EDUCATION-V (PRACTICAL)

Course Code	PED303-19
Course Title	Physical Education-V (Practical)
Type of Course	Practical
L T P	0:0:2
Credits	1
Course pre-requisite	NA

Marks: 40

Division of Marks: Athletics (12) + Games (12) +Ground Markings (3+3),

Practical Note Book (5), Viva-Voce (5)

SHOT PUT (Perry O. Brein Technique): Rules and regulations, Layout and Technique.

2. LONG JUMP: Rules and regulations, Layout and Technique.

Games (Boys & Girls) Fundamentals, Rules, Performance

Hockey

Wrestling

Volley ball.



MUSIC VOCAL-V (PRACTICAL)

Course Code	MUC303-19
Course Title	Music (Vocal)-V
Type of course	Practical
L T P	0:0:4
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. The students will be able to understand the need, content and process and basic guidelines of music. 2. The students will be able to develop right understanding for music. 3. The students will be able to realize the significance of music.

List of Practical

- I. Natbhairav, sarang, bhsant
- II. Talas: dhmar, talwara, jhaptal
- III. One shabad
- IV. One folk song
- V. One Gazal
- VI. One tarana of any ragas
- VII. Sing with tanpura
- VIII. Knowledge of one vilamvat kiyal

S. No.	Author(S)	Title	Publisher
1	Devinder kaur	Sangeet roop	Avam Vadya Sangeet Kanishka Publishers, New Delhi
2	Shanti goverdhan	Sangeet darpan	Howdery Roshan Press

GENERAL ENGLISH-VI

Course Code	ENG302-19
Course Title	General English-VI
Type of Course	Theory
L T P	3:0:0
Credits	3
Course pre-requisite	NA
Course Objectives	<p>Course has been designed with the following objectives:</p> <ol style="list-style-type: none"> 1. The main objective of the course is to develop sensibility and emotions of students with the purpose to enable them to relish literature. 2. To motivate them for self- learning with the purpose to acquire success in every walk of life. 3. Students should be encouraged to think on their own and form their ideas using their experience, knowledge and imagination than being on text or teacher dependent.

UNIT-I

The study of whole text of the novel, The English Teacher by R.K. Narayan

UNIT-II

Study of following one act plays

The Will

Villa for Sale

UNIT –III

Study of following one act plays:

The Monkey’s Paw

Sorry Wrong Number

UNIT-IV

English Grammar in Use: 137 to 145.

Text and reference Books:

S. No.	Author(s)	Title	Publisher
1.	R.K.Narayan	The English Teacher	Penguin Classics
2.	Collection of one Act Plays	Glimpses of Theatre	Publication Bureau, GNDU Amritsar
3	Raymond Murphy	English Grammar in Use	Camridge

GENERAL PUNJABI-VI

Course Code	PBI302-19
Course Title	General Punjabi-VI
Type of Course	Theory
L T P	3:0:0
Credits	3
Course Prerequisite	N.A
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵੀਆਂ ਦੀ ਜੀਵਨੀ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਰੇਖਾ ਚਿੱਤਰਾਂ ਦਾ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ। 4. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤਬੰਦੀ ਸੰਬੰਧੀ ਗਿਆਨ ਹਾਸਿਲ ਹੋ ਜਾਵੇਗਾ। 5. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਉਪ- ਭਾਸ਼ਾਵਾਂ ਨੂੰ ਪਛਾਣਣਯੋਗ ਹੋ ਜਾਣਗੇ।

ਭਾਗ-ੳ

ਜੱਗ ਬੀਤੀ ਹੱਡ ਬੀਤੀ (ਕਥਾ ਸੰਗ੍ਰਹਿ) (ਪਿਛਲੀਆਂ ਛੇ ਕਹਾਣੀਆ) ਸੰਪਾ.ਜੁਗਿੰਦਰ ਸਿੰਘ ਰਾਹੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅੰਮ੍ਰਿਤਸਰ,2008.

ਭਾਗ-ਅ

ਗੱਦ ਪ੍ਰਵਾਹ (ਭਾਗ-ਦੂਸਰਾ) ਸੰਪਾ. ਬਿਕਰਮ ਸਿੰਘ ਘੁਮਣ ਅਤੇ ਜਸਪਾਲ ਸਿੰਘ ਰੰਧਾਵਾ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅੰਮ੍ਰਿਤਸਰ,2007.

ਭਾਗ-ੲ

ਲੇਖ ਰਚਨਾ
ਸੰਖਪ ਰਚਨਾ

ਭਾਗ-ਸ

ਵਿਆਕਰਣ
ਕਿਰਿਆ ਵਾਕੰਸ਼ : ਪਰਿਭਾਸ਼ਾ,ਬਣਤਰ,ਤੇ ਪ੍ਰਕਾਰ।
ਕਾਰਕ ਅਤੇ ਕਾਰਕੀ ਸੰਬੰਧ

ਪਾਠ-ਪੁਸਤਕਾਂ ਅਤੇ ਹਵਾਲਾ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰ
ਸੰਪਾ.ਜੁਗਿੰਦਰ ਸਿੰਘ ਰਾਹੀ	ਜੱਗ ਬੀਤੀ ਹੱਡ ਬੀਤੀ (ਕਥਾ ਸੰਗ੍ਰਹਿ)	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅੰਮ੍ਰਿਤਸਰ
ਸੰਪਾ. ਬਿਕਰਮ ਸਿੰਘ ਘੁਮਣ ਅਤੇ ਜਸਪਾਲ ਸਿੰਘ ਰੰਧਾਵਾ	ਗੱਦ ਪ੍ਰਵਾਹ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅੰਮ੍ਰਿਤਸਰ
ਸਿੰਘ; ਹਰਕੀਰਤ	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਸਿੰਘ; ਤੀਰਥ (ਡਾ.)	ਪੰਜਾਬੀ ਅਧਿਆਪਨ	ਐੱਸ. ਜੀ. ਪਬਲਿਸ਼ਰਜ਼, ਜਲੰਧਰ
ਸੇਖੋਂ; ਸੁਖਵਿੰਦਰ ਸਿੰਘ (ਡਾ.) ਅਤੇ ਸੇਖੋਂ; ਮਨਦੀਪ ਕੌਰ	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਅਧਿਆਪਨ	ਕਲਿਆਣੀ ਪਬਲਿਸ਼ਰਜ਼, ਲੁਧਿਆਣਾ

HISTORY AND CULTURE OF PUNJAB-VI

Course code	HCP302-19
Course title	History And Culture of Punjab-VI
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course objectives (CO)	<ol style="list-style-type: none"> 1. The Student will acquire the knowledge of Resettlement of Punjab. 2. The Student will understand the Green Revolution & Development post 1966. 3. The Student will acquire the knowledge of Operation Bluestar. 4. The Student will understand the New Social issues .

UNIT I

Migration and its Socio-Economic Impact. Rehabilitation and Resettlement. Demand for Punjabi Suba, Reorganization Act 1966.

UNIT II

Green Revolution and its Impact. Development of Education. Political and Economic Development post 1966.

UNIT III

Issues of Boundary, water, Chandigarh. Socio-Economic Development in the 1980's. Operation Bluestar and its Impact.

UNIT IV

New Social issues-gender discrimination, drug menace, farmer suicide Development of Punjabi literature: Bhai Vir Singh; Shiv Kumar Batalvi; Amrita Pritam Important Historical Places: Delhi, Amritsar, Khemkaran, TarnTaran, Jalandhar, Ambala, Ludhiana, Panipat, Karnal, Qadian, Gurdaspur, Hissar, Chandigarh.

Text and References Books:

S.NO.	Author's	Title	Publisher
1	Sukhdev Sharma	History And Culture Of Punjab	New Academic Publisher
2	Kirpal Singh	History and Culture of the Punjab, Part II (Medieval Period)	Publication Bureau, Punjabi University, Patiala.
3	J.S. Grewal	The Sikhs of the Punjab	Foundation Books, New Delhi,

ਮੁਢਲੀ ਪੰਜਾਬੀ

Course Code	PBI306-19
Course Title	ਮੁਢਲੀ ਪੰਜਾਬੀ-VI
Type of Course	Theory
L T P	3:0:0
Credits	3
Course Pre-requisite	B.A.
Course Objectives (CO)	ਵਿਦਿਆਰਥੀ: 1. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਸੰਬੰਧੀ ਸਮਝ ਪ੍ਰਾਪਤ ਕਰਨਗੇ। 2. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀਆਂ ਪ੍ਰਵਿਰਤੀਆਂ ਸੰਬੰਧੀ ਜਾਣੂ ਹੋ ਜਾਣਗੇ। 3. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਅਰਥਾਂ ਨੂੰ ਸਮਝ ਸਕਣਗੇ। 4. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਕਾਸ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰ ਲੈਣਗੇ।

ਭਾਗ ਪਹਿਲਾ

(ੳ) ਅੱਧਕ, ਬਿੰਦੀ ਅਤੇ ਟਿੱਪੀ ਦੀ ਵਰਤੋਂ ਦੇ ਨੇਮ

(ਅ) ਕਿਸੇ ਵੀ ਰਚਨਾ ਕਰਨ ਦੇ ਨੇਮ

ਭਾਗ ਦੂਸਰਾ

(ੳ) ਚਿੰਨ੍ਹ ਅਤੇ ਚਿੰਨ੍ਹਾਂ ਦੇ ਸਰੂਪ

(ਅ) ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ

ਭਾਗ ਤੀਸਰਾ

(ੳ) ਭਾਸ਼ਾ ਦਾ ਨਾਮਕਰਣ

(ਅ) ਭਾਸ਼ਾ ਦਾ ਵਿਕਾਸ

ਭਾਗ ਚੌਥਾ

(ੳ) ਭਾਸ਼ਾ ਦਾ ਅਰਥ ਪ੍ਰਬੰਧ

(ਅ) ਭਾਸ਼ਾ ਦੀ ਮੁਢਲੀ ਵਿਆਕਰਣ

ਸਹਾਇਕ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1971	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਇਤਿਹਾਸ (ਭਾਗ ਪਹਿਲਾ)	ਭਾਸ਼ਾ ਵਿਭਾਗ, ਪੰਜਾਬ, ਪਟਿਆਲਾ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1974	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ	ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ, ਲੁਧਿਆਣਾ
ਹਰਕੀਰਤ ਸਿੰਘ	1976	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਆਲੋਚਨਾਤਮਕ ਇਤਿਹਾਸ	ਪੈਪਸੂ ਬੁੱਕ ਡਿਪੋ, ਪਟਿਆਲਾ
ਰਾਮ ਸਿੰਘ	2000	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਕਾਸ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀ, ਅੰਮ੍ਰਿਤਸਰ

ਸੰਬੰਧਿਤ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪਬਲਿਸ਼ਰ
ਸਿੰਘ; ਜੀ. ਬੀ.	1950	ਗੁਰਮੁਖੀ ਲਿੱਪੀ ਦਾ ਜਨਮ ਅਤੇ ਵਿਕਾਸ	ਪੰਜਾਬ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜ੍ਹ
ਸਿੰਘ; ਹ.	1966	ਪੰਜਾਬੀ ਬਾਰੇ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

ENTREPRENEURSHIP AND SMALL BUSINESS

Course Code	MGT336-19
Course Title	Entrepreneurship and small business
Type of course	Theory
L T P	3: 0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. To give the basic understanding of the various concepts and factors of entrepreneurship and MSME. 2. The students will be able to develop right understanding for Entrepreneurship. 3. The students will be able to realize the significance of Entrepreneurship.

UNIT-I

15 Basic Aspects: Concept, nature of Entrepreneur & Entrepreneurship, Classification of entrepreneurs, Distinction between Entrepreneur and Manager, Entrepreneurship and Entrepreneurship, Theories of Entrepreneurship: Schumpeter, McLelland and Drucker, Medium, Small and Tiny Business : Definition, Role in the economy and significance

UNIT-II

Developing Entrepreneurial Plan :Environment assessment : political, legal, economic, social, Technological, global environment, Developing effective business plan.

UNIT-III

Entrepreneurial Venture Initiation: Assessment of business opportunities, Entrepreneurial Motivation, Government initiatives and private sector opportunity.

UNIT-IV

Growth and Development of Entrepreneurial Venture: Strategic planning for emerging venture, Managing entrepreneurial growth, Role of venture capital and their problems.

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	Hill, Michal A	Strategic Entrepreneurship	Blackwell Publishers, Oxford
2	Zenas Block	Corporate Venturing	Harvard Business School Press, Boston

HISTORY VI

Course Code	HIS302-19
Course Title	History-VI
Type Course	Theory
L T P	4:0:0
Credits	4
Course Pre-requisite	NA
Course Objective (CO)	<ol style="list-style-type: none"> 1. On Completion of This Course the Students Will Be Able to: 2. Know about the Sikh King Ranjit Singh's Kingdom 3. Understand about First Anglo-Sikh War; Second Anglo-Sikh War; British administration 1845-1856; 4. Make aware Early Nationalist Activity, Indian National

UNIT-I

The Establishment and Expansion of Ranjit Singh's Kingdom : Political condition of the Punjab in the 1790s; Extent of the kingdom in 1839.

Administrative Organization of the Kingdom of Lahore: Central, Provincial and local administration; Land revenue system. Jagirdari system, Dharmarth grants; Judicial administration; Military organization; state policy towards agriculture, Manufacture and trade.

UNIT-II

Annexation and After: First Anglo-Sikh War; Second Anglo-Sikh War; British administration 1845-1856; Agricultural development.

Socio-Religious Reform Movements in the late- Nineteenth Century: Christian evangelicals; the Arya Samaj; The Nirankaris and the Namdharis; the Singh Sabhas and the Ahmadiyas.

UNIT-III

Early Nationalist Activity, Indian National Congress; Swadeshi Movement and Boycott; The Ghadar movement; Non-Cooperation Movement; Hindustan Socialist Republican Army and Naujawan Bharat Sabha; Civil Disobedience and Quit India Movement.

Gurdwara Reforms and the Akalis : Causes of the movement for reform; Central Sikh League; SGPC and the Shiromani Akali Dal ; Major Morchas ; Gurdwara legislation.

UNIT-IV

Towards Partition: Communal politics; Sikander-Jinnah Pact; Lahore Resolution of the Muslims League; The elections of 1945-46; Cabinet Mission Plan Mountbatten Plan and Partition.

The Punjab after Independence: Reorganisation and rehabilitation: Demand for Punjabi speaking state; The reorganisation Act of 1966.

Suggested Readings

S.No.	Author(S)	Title	Publisher
1	Khushwant Singh,	A History of the Sikhs, Vol. I (1469-1839)	OUP, Delhi,
2	McLeod, W.H.	Evolution of the Sikh Community,	OUP, Delhi,
3	Harbans Singh (ed),	The Encyclopedia of Sikhism, 4 Vols.,	Punjabi University, Patiala

POLITICAL SCIENCE-VI

Course Code	PLS302-19
Course Title	Political Science-VI
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. To enable the student to study and understand the International Politics. 2. To aware the learners about the National Power. 3. To provide the knowledge of Emerging World Order. 4. To provide the information about Regional Organizations.

Unit-I

1. Meaning, Nature and Scope of International Politics.
2. Realist and Idealist approaches to International Politics.

Unit-II

1. National Power: Its Elements and Limitations.
2. Balance of Power - Its critical evaluation.
3. Collective Security –Meaning & Feature, Difference between Balance of Power & Collective Security.

Unit-III

1. Cold War and Post Cold War era of International Politics.
2. Bipolar, Unipolar and Nature of Emerging World Order.

Unit-IV

1. Regional Organizations: SAARC and EU.
2. New International Economic Order (NIEO).

Text and References Books

S.NO	Author's	Title	Publisher
1	H. Bull	The Anarchical Society : A Study of Order in World Politics	Macmillan, London
2	N.D. Palmer and H. Perkins	International Relations	Scientific Book Company, Calcutta
3	J. Frankel	The Making of Foreign Policy,	Oxford University Press, London

EDUCATION- VI

Course Code	EDU302-19
Course Title	Education- VI
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. To make the students understand the concept of human growth and development.2. To enable the students to understand stages of development.3. To enable the students to understand the perspective roles of heredity and environment in the development of a child.4. To make the students familiar with the concept of individual differences.5. To make the students familiar with the concept, nature, factors and theories of learning.

UNIT-I

Human Growth and development: meaning, nature, Difference between growth and development, Principles of growth and development, Factors influencing growth and development.

Aspects of development: physical, mental, social and emotional.

UNIT-II

Stages of Human Development: Infancy and Childhood stage.

Adolescence stage: meaning, characteristics and problems.

UNIT-III

Heredity & Environment – meaning, definitions, relative role of heredity and environment in development.

Individual Differences – meaning, characteristics, causes, types and Educational Implications.

UNIT-IV

Learning: Meaning, definitions, characteristics, factors influencing learning.

Theories of Learning - Trial and Error by Thorndike and Classical Conditioning by Pavlov.

Recommended Books:

Text Books—

S. No.	Author(S)	Year	Title	Publisher
1	Mangal, S.K.	2002	Advanced Educational Psychology	Prentice Hall of India, New Delhi
2	Walia, J.S.	2007	Foundations of Educational Psychology	Ahim Paul Publishers, Jalandhar

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Chauhan, S.S	2002	Advanced Educational Psychology	Vikas Publishing House, New Delhi
2	Aggarwal, J.C.	2009	Essentials of Educational Psychology	Vikas Publishing House Pvt. Ltd.: New Delhi
3	Kakkar, S.B.	2001	Educational Psychology	Prentice Hall of India, New Delhi
4	Mohanty, Girish Bala	1986	Educational Psychology	Kalyani Publishers, Ludhiana



PHYSICAL EDUCATION –VI (THEORY)

Course Code	PED302-19
Course Title	Physical Education-VI (Theory)
Type of Course	Theory
L T P	3:0:0
Credits	3
Course pre-requisite	NA
Course Objectives	After the completion of the course, students will be able to: <ol style="list-style-type: none">1. Understand the various organization of Physical Education.2. Explain the Administration in Physical Education.3. Understand the Qualifications & Responsibilities of Physical Education Teacher.4. Gain knowledge about Office Management.5. Understand the Facilities & Time Table Management.6. Gain knowledge about Competition Organization.

UNIT-I

Meaning and importance of Organization and Administration in physical education.
Qualification and Responsibilities of Physical Education teacher and pupil leader.
Planning and their basic principles, Program planning: Meaning, Importance, Principles of program planning in physical education.
Functions of Planning, organizing, staffing, directing, communicating, co-ordination, controlling, evaluating and innovating.

UNIT-II

Office Management: Meaning, definition, functions and kinds of office management
Records and Registers: Maintenance of attendance Register, stock register, cash register, physical efficiency record, Medical examination Record.
Budget: Meaning, Importance of Budget making,
Criteria of a good Budget, sources of income, expenditure, preparation of budget.

UNIT-III

Facilities and equipment management: Types of facilities Infrastructure-indoor, out door.
Care of school building, Gymnasium, swimming pool, Play fields, Play grounds
Equipment: Need, importance, purchase, care and maintenance.
Time Table Management: Meaning, Need, Importance and Factor affecting time table.

UNIT-IV

Importance of Tournament, types of tournament and its organization structure - Knock-out Tournaments, League or Round Robin Tournaments, Combination Tournament and challenge Tournament.
Organization structure of Athletic Meet.
Sports Event Intramurals & Extramural Tournament planning.

Recommended Books--

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	R.D. Kansal	2015	Physical Education and Sports	Kalyani Publishers Ludhiana

Reference Books—

S. No.	Author(S)	Year	Title	Publisher
1	Broyles, F. J. & Rober, H. D	1979	Administration of sports, Athletic programme	New York: Prentice hall Inc.
2	Bucher, C. A.	1983	Administration of Physical Education and Athletic programme	St. Louis: The C.V. Mosby Co.
3	Kozman, H.C. Cassidly, R. & Jackson, C	1960	Methods in Physical Education	. London: W.B. Saunders Co.
4	Pandy, L.K.	1977	Methods in Physical Education	Metropolitan Book Depo.



PSYCHOLOGY-VI (THEORY)

Course Code	PSY302-19
Course Title	Psychology-VI (Theory)
Type of course	Theory
L T P	3:0:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. To enable the students to explain about abnormal psychology with emphasis on the dynamics of some of the behavioural disorders.2. To enable the students to have some knowledge about mood disorders.3. To enable the students to get acquainted with various psychotherapies.

Note—The use of non-programmable calculators and statistical tables is allowed in the examination.

UNIT-I

Anxiety Based Disorders: Symptoms, Etiology and Treatment of Obsessive Compulsive Disorder, Generalized Anxiety Disorder & Phobias. Classification of Somatoform Disorders– Symptoms & Etiology (Conversion Disorder). Dissociative disorders–Types, Symptoms & Etiology.

UNIT-II

Mood Disorders: Types & Symptoms, Causes and treatment.

Schizophrenia: Symptoms, Causes Types and Treatment.

UNIT-III

Antisocial Personality & Delinquency: Clinical Picture, Characteristics, Causes, Treatment & Outcomes.

Psychotherapies: Psychodynamic Therapy, Basics of Behavioural Therapy, Cognitive-Behaviour Therapy, Humanistic Therapy.

UNIT-IV

Personality Disorders: Clinical Features, Types and causal factors in Personality Disorders (Paranoid, Schizoid, Schizotypal, Histrionic, Narcissistic, Antisocial, Borderline, Avoidant, Dependent, Obsessive-Compulsive, Passive Aggressive, Self-Defeating & Sadistic.

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Carson, R.C.; Butcher, J.N.; and Mineka, S.	2003	Abnormal Psychology and Modern Life	New York: Pearson Education.

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Davison, G.C. and Neale, J.M.	1998	Abnormal Psychology	New York: John Wiley and Sons.
2	Feldman, R.S.	1996	Understanding Psychology	New Delhi: Tata McGraw Hill.
3	Garrett, H.E.	1966	Statistics in Psychology and Education	Vakils, Feffer and Simons, New Delhi.



ENGLISH (ELECTIVE)-VI

Course Code	ENG304-19
Course Title	English(Elective)-VI
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The students will gain acquaintance with the characteristics of Novel.2. The students will critically analyze the underlying themes in the given texts.3. The students will analyze the historical development of English literature.

UNIT I

So Many Hungers – Detailed analysis of the text

UNIT II

The Power and the Glory – Detailed analysis of the text

UNIT III

Background to the Study of English Literature: Chapters III and IV from Section-I; Chapters IV, V and VI from Section-II.

UNIT IV

Background to the Study of English Literature: Chapters IV, V and VI from Section-III.

Texts & Recommended Books:

S. No.	Author(S)	Year	Title	Publisher
1	Bhabani Bhattacharya	1991	So Many Hungers	Penguin Books India
2	Graham Greene	1997	The Power and the Glory	Penguin Books India
3	B. Prasad	2008	Background to the Study of English Literature	Macmillan India Limited

PUNJABI (ELECTIVE)-VI

Course Code	PBI304-19
Course Title	Punjabi Elcetive –VI
Type of Course	Theory
LT P	4:0:0
Credits	4
Course Prerequisite	N.A.
Course Objectives	<ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਸਾਹਿਤਕਾਰਾਂ ਦੀ ਜੀਵਨੀ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ। 4. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਸਾਹਿਤ ਬਾਰੇ ਗਿਆਨ ਹਾਸਿਲ ਹੋ ਜਾਵੇਗਾ। 5. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਰੂਪਾਂ ਨੂੰ ਪਛਾਨਣਯੋਗ ਹੋ ਜਾਣਗੇ।

ਭਾਗ-ੳ

ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (1700 ਈ. ਤੱਕ) ਸੰਪਾ.ਡਾ. ਧਰਮ ਸਿੰਘ ਤੇ ਡਾ. ਹਿਰਦੇਜੀਤ ਸਿੰਘ ਭੋਗਲ ,ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ,ਅੰਮ੍ਰਿਤਸਰ,2007
 ੳ) ਸਾਹਿਤ ਰੂਪ: ਧਾਰਾਵਾਂ ਅਤੇ ਪ੍ਰਵਿਤਰੀਆਂ
 ਅ)ਸਾਹਿਤ ਰੂਪਾਂ ਦੇ ਸਮੁੱਚੇ ਵਿਕਾਸ ਸੰਬੰਧੀ ਪ੍ਰਸ਼ਨ ਪੁਛੇ ਜਾਣਗੇ।

ਭਾਗ-ਅ

ਸਾਹਿਤ ਅਤੇ ਹੋਰ ਅਨੁਸ਼ਾਸਨ
 ਸਾਹਿਤ ਦੇ ਰੂਪ,ਸਾਹਿਤ ਦੇ ਤੱਤ,ਸਾਹਿਤ ਅਤੇ ਸਮਾਜ,ਸਾਹਿਤ ਅਤੇ ਮਨੋਵਿਗਿਆਨ,ਸਾਹਿਤ ਅਤੇ ਇਤਿਹਾਸ, ਸਾਹਿਤ ਅਤੇ ਸ਼ਖਸੀਅਤ,ਸਾਹਿਤ ਅਤੇ ਵਿਚਾਰਧਾਰਾ,ਸਾਹਿਤ ਅਤੇ ਵਿਚਾਰਧਾਰਾ, ਸਾਹਿਤ ਅਤੇ ਸਭਿਆਚਾਰ ।

ਭਾਗ-ੲ

ਛੰਦ: ਦੋਹਿਰਾ,ਸੋਰਠਾ,ਕਬਿੱਤ,ਕੋਰੜਾ,ਚੌਪਈ,ਸਵੱਈਆ ਅਤ ਬੈਂਤ:ਪਰਿਭਾਸ਼ਾਂ ਅਤੇ ਲੱਛਣ।

ਭਾਗ-ਸ

ਗੱਦ ਸ਼ੈਲੀ : ਨਾਟਕ,ਸਫਰਨਾਮਾ,ਜੀਵਨੀ,ਸਵੈ-ਜੀਵਨੀ: ਪਰਿਭਾਸ਼ਾਂ ,ਪ੍ਰਕਾਰ ਅਤੇ ਤੱਤ।
 ਵਿਹਾਰਕ ਆਲੋਚਨਾ:ਮੱਧਕਾਲੀ ਕਾਵਿ ਅਤੇ ਵਾਰਤਕ ਦੇ ਸੰਦਰਭ ਵਿਚ।

ਹਵਾਲਾ ਅਤੇ ਪਾਠ- ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰ
(ਸੰਪਾਦਕ) ਜੱਗੀ, ਰ. ਸਿੰਘ	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (1701-1900)	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
(ਸੰਪਾਦਕ) ਜੱਗੀ, ਰ. ਸਿੰਘ	ਸਾਹਿਤ ਦੇ ਰੂਪ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਸਿੰਘ;ਸਤਿੰਦਰ (ਡਾ.)	ਵਿਹਾਰਕ ਆਲੋਚਨਾ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਸੇਖੋਂ; ਸੁਖਵਿੰਦਰ ਸਿੰਘ (ਡਾ.) ਅਤੇ ਸੇਖੋਂ; ਮਨਦੀਪ ਕੌਰ	ਸਾਹਿਤ ਦਾ ਅਧਿਆਪਨ	ਕਲਿਆਣੀ ਪਬਲਿਸ਼ਰਜ਼,ਲੁਧਿਆਣਾ

MUSIC VOCAL –VI (THEORY)

Course Code	MUC-302-19
Course Title	Music Vocal –VI (Theory)
Type of course	Theory
L T P	2: 0:0
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. The students will be able to understand the need, content and process and basic guidelines of music. 2. The students will be able to develop right understanding for music. 3. The students will be able to realize the significance of music.

UNIT-I

Ragas: Kalyan, Bhupali, Nat Bhairav, Madhmad Sarang, Bhimpalasi

UNIT-II

Khamaj , Bhimpalasi

UNIT-III

Detailed study of any five Ragas and non Detailed Study of Three Ragas.

UNIT-IV

Any two Five Drut Khayals with Proper Style of Gayaki. Short Description of Three non details Ragas Prescribed.

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	V.N Bhatkhande.	Hindustani Sangeet	Kramik Pustak Maalika Part I-VI
2	Dr. Shankar Lal Mishra	Naveen Khayal Rachnawali	Avam Vadya Sangeet Kanishka Publishers , New Delhi

ECONOMICS-VI

Course Code	ECO302-19
Course Title	Economics-VI
Type of Course	Theory
LTP	4: 0:0
Credits	4
Course pre-requisite	NA
Course Objectives (CO)	<ol style="list-style-type: none">1. The objective of the paper is to familiarize the students with the features and characteristics of the Indian Economy.2. It also includes performance and problems of Industrial development, Indian tax structure, external trade and balance of payments, and objectives, strategy and performance of Indian planning.3. The course aims to develop analytical understanding of the students by exposing them to the basic issues of the Indian economy.

UNIT-I

Indian Economy on the Eve of Independence. Features and Characteristics of Indian Economy since Independence: Agriculture: Importance of Agriculture; Causes of Backwardness and Low productivity; New Agricultural Strategy, Green Revolution and Critical Evaluation with Special Reference to Environmental Degradation; Land Reforms: Need, Implementation and Evaluation.

UNIT-II

Industry: Problems of Industrial Development; Public and Private Sector; Industrial Policy since 1956 with Special Emphasis on Recent Trends of Liberalization; Role and Problems of Small and Large Scale Industries in the era of Globalization. Major Large Scale Industries: Iron & Steel, Cotton Textile, Petroleum & I.T.

UNIT-III

Principal Features of Indian Tax Structure. Division of Financial Recourses between Centre and the States. Direction and Composition of Exports and Imports and Changes there in since Economic Reforms; Balance of Payment problems; Critical Evaluation of the Role of MNCs in India.

UNIT-IV

Planning: Importance, Objectives, Strategy and Achievements of Indian Planning; Critical Evaluation of The Latest Five Year Plan (Plan wise details to be excluded); Major Indian Economic Problems: Inflation, Unemployment and Poverty; Introduction to Consumer Education and Consumer Protection (elementary Ideas).

Text and reference books

S.NO.	Author(S)	Title	Publisher
1.	Tondon,B.B.&Tondon,K.K.	Indian Economy	Tata McGraw Hills Pub. Co., New Delhi.
2.	Aggarwal, A N	Indian Economy	Wiley Eastern Ltd.
3.	Soni .R. N.	Leading Issues in Agriculture Economics	Sohan Lal Nagin Chand & Sons.
4.	Dhar, P.K.	Indian Economy,	Kalyani Publishers, Ludhiana.



MATHEMATICS- VI

Course Code	MAT302-19
Course Title	Mathematics-VI
Type of course	Theory
L T P	6:0:0
Credits	6
Course prerequisite	NA
Course Objective (CO)	1. To provide an introduction to the theories for functions of complex variables. It helps students to visualize multi-valued complex functions. It also inculcates the skills in students to handle project like PERT and CPM

UNIT-I

Complex Analysis: Limits, Limits involving the point at infinity, continuity. Properties of complex numbers, regions in the complex plane, functions of complex variable, mappings. Derivatives, differentiation formulas, Cauchy-Riemann equations, sufficient conditions for differentiability. Analytic functions, examples of analytic functions, exponential function, Logarithmic function, trigonometric function, derivatives of functions, definite integrals of functions.

UNIT-II

Contours: Contour integrals and its examples, upper bounds for moduli of contour integrals. Cauchy-Goursat theorem, Cauchy integral formula. Liouville's theorem and the fundamental theorem of algebra. Convergence of sequences and series, Taylor series and its examples. Laurent series and its examples, absolute and uniform convergence of power series.

UNIT-III

Network Analysis and Theory of Sequencing: Flows in networks. Maximal flow. Shortest path and travelling salesman problem. Construction of minimal spanning tree and its applications. Project management through PERT/CPM, Updating of PERT Charts. Project Crashing, Sequencing Problems. Processing n jobs through two/three machines. General n/m job-shop problem.

UNIT-IV

Linear Transformation: R, R^2, R^3 as vector spaces over R . Standard basis for each of them. Concept of Linear Independence and examples of different bases. Subspaces of R^2, R^3 . Translation, Dilation, Rotation, Reflection in a point, line and plane. Matrix form of basic geometric transformations. Interpretation of eigen values and eigenvectors for such transformations and eigen spaces as invariant subspaces. Matrices in diagonal form. Reduction to diagonal form upto matrices of order 3. Computation of matrix inverses using elementary row operations. Rank of matrix. Solutions of a system of linear equations using matrices. Illustrative examples of above concepts from Geometry, Physics, Chemistry, Combinatorics and Statistics.

Text and Reference Books

S. No	Name	Author(S)	Publisher
1	Linear Algebra,	S. H. Friedberg, A. L. Insel and L.E. Spence	Prentice Hall of India Pvt. Ltd., New Delhi, 2004.
2	Complex Variables and Applications	James Ward Brown and Ruel V. Churchill	8th Ed., McGraw – Hill International Edition, 2009.
3	Operations Research-Principles and Practice	A. Ravindran, D.T. Phillips and James J. Solberg	John Wiley and Sons, 2005



PSYCHOLOGY-VI (PRACTICAL)

Course Code	PSY304-19
Course Title	Psychology-VI (Practical)
Type of course	Practical
L T P	0:0:2
Credits	1
Course prerequisite	NA
Course Objective (CO)	1. After the completion of the course, students will be able to administer and interpret various psychological tests.

Four Practicals have to be performed out of six—

1. Projective Techniques (T.A.T.).
2. Measurement of Anxiety.
3. Parenting Scale/Home Environment Scale.
4. Measurement of Depression.
5. Self-Concept.
6. Mental Health Inventory

Recommended Books:

Text-Books—

S. No.	Author(S)	Year	Title	Publisher
1	Carson, R.C.; Butcher, J.N.; and Mineka, S.	2003	Abnormal Psychology and Modern Life	New York: Pearson Education.

Reference Books--

S. No.	Author(S)	Year	Title	Publisher
1	Davison, G.C. and Neale, J.M.	1998	Abnormal Psychology	New York: John Wiley and Sons.
2	Feldman, R.S.	1996	Understanding Psychology	New Delhi: Tata McGraw Hill.

PHYSICAL EDUCATION-VI (PRACTICAL)

Course Code	PED304-19
Course Title	Physical Education-VI (Practical)
Type of Course	Practical
L T P	0:0:2
Credits	1
Course pre-requisite	NA

Marks: 40

Division of Marks: Athletics (12) + Games (12) +Ground Markings (3+3),
Practical Note Book (5), Viva-Voce (5)

DISCUS THROWS: Rules and regulations, Layout and Technique.

2. HIGH JUMP: Rules and regulations, Layout and Technique.

Games (Boys & Girls) Fundamentals, Rules, Performance

Basketball

Handball

Hockey



MUSIC VOCAL-VI (PRACTICAL)

Course Code	MUC304-19
Course Title	Music Voca)-VI (Practical)
Type of course	Practical
L T P	0:0:4
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. The students will be able to understand the need, content and process and basic guidelines of music. 2. The students will be able to develop right understanding for music. 3. The students will be able to realize the significance of music.

List of Practical

- I. Describe: Bihag, Todi, Tukhari
- II. Talas: teental, sool tal, talwara
- III. One shabad
- IV. One folk song
- V. One Gazal
- VI. One tarana of any ragas
- VII. Sing with tanpura
- VIII. Knowledge of one vilamvat kiyal

S. No.	Author(S)	Title	Publisher
1	Devinder kaur	Sangeet roop	Avam Vadya Sangeet Kanishka Publishers , New Delhi
2	Shanti goverdhan	Sangeet darpan	Howdery Roshan Press

ਗੁਰੂ ਨਾਨਕ ਅਧਿਐਨ ਅਤੇ ਨਿਰਮਲ ਸੰਪ੍ਰਦਾਇ

Course Code	PBI107-19
Course Title	ਗੁਰੂ ਨਾਨਕ ਅਧਿਐਨ ਅਤੇ ਨਿਰਮਲ ਸੰਪ੍ਰਦਾਇ-1
Type of Course	Theory
L T P	3:0:0
Credits	Non Credits
Course Pre-requisite	UG
Course Objectives(CO)	ਵਿਦਿਆਰਥੀ: 1. ਗੁਰੂ ਨਾਨਕ ਅਧਿਐਨ-ਜੀਵਨ ਅਤੇ ਬਾਣੀ ਦੀ ਪ੍ਰਕਿਰਤੀ ਸਮਝ ਜਾਣਗੇ। 2. ਨਿਰਮਲ ਸੰਪ੍ਰਦਾਇ ਦੀ ਅਨੁਕੂਲਤਾ ਸਮਝ ਜਾਣਗੇ। 3. ਨਿਰਮਲ ਸੰਪ੍ਰਦਾਇ ਦੀ ਦੇਣ ਜਾਣ ਜਾਣਗੇ। 4. ਡੇਰਾ ਸੰਤਪੁਰਾ ਜਬੜ ਦੀ ਦੇਣ ਜਾਣ ਜਾਣਗੇ।

ਭਾਗ-ਪਹਿਲਾ

ਗੁਰੂ ਨਾਨਕ ਅਧਿਐਨ-ਜੀਵਨ ਅਤੇ ਬਾਣੀ

ਭਾਗ-ਦੂਸਰਾ

ਨਿਰਮਲ ਸੰਪ੍ਰਦਾਇ : ਪ੍ਰਾਪਤ ਸਮੱਗਰੀ, ਰੂਪ-ਰੇਖਾ, ਭੂਮਿਕਾ, ਹਵਾਲੇ, ਸੂਤਰੀਕਰਣ

ਭਾਗ-ਤੀਸਰਾ

ਨਿਰਮਲ ਸੰਪ੍ਰਦਾਇ ਦਾ ਵਿਕਾਸ ਅਤੇ ਡੇਰਾ ਸੰਤਪੁਰਾ ਜਬੜ

ਡੇਰਾ ਸੰਤਪੁਰਾ ਜਬੜ ਦਾ ਨਿਕਾਸ

ਡੇਰਾ ਸੰਤਪੁਰਾ ਜਬੜ-ਸਿੱਧਾਂਤਕ, ਅਕਾਦਮਿਕ, ਵਿਹਾਰਕ ਕਾਰਜ

ਡੇਰਾ ਸੰਤਪੁਰਾ ਜਬੜ ਦੀ ਦੇਣ : ਤੱਥ ਤੇ ਘਟਨਾਵਾਂ; ਰੂਪਾਂ, ਉਦਭਵ, ਵਿਕਾਸ; ਸਮਾਜ-ਸ਼ਾਸਤਰੀ ਪੱਖ

ਭਾਗ-ਚੌਥਾ

ਡੇਰਾ ਸੰਤਪੁਰਾ ਜਬੜ ਦਾ ਇਤਿਹਾਸ

ਸੰਤ ਬਾਬਾ ਭਾਗ ਸਿੰਘ

ਸੰਤ ਹਰਦਿਆਲ ਸਿੰਘ ਮੁਸਾਫਿਰ

ਸੰਤ ਬਾਬਾ ਮਲਕੀਅਤ ਸਿੰਘ

(ਸ) ਸੰਤ ਬਾਬਾ ਦਿਲਾਵਰ ਸਿੰਘ(ਬ੍ਰਹਮ ਜੀ)