

**SCHEME OF EXAMINATIONS
&
QUESTION DESIGN
for
H.S.S.L.C. EXAMINATIONS**

w.e.f.
2025



**MIZORAM BOARD OF SCHOOL EDUCATION
AIZAWL : 796 012**

MIZORAM BOARD OF SCHOOL EDUCATION
AIZAWL : 796 012

Dated Aizawl, the 31st May, 2024

NOTICE

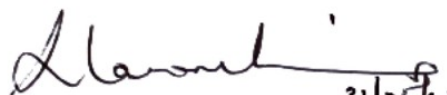

No. J.11019/1/2018-MBSE(Acad)/51 : It is notified for the information of all concerned that the Higher Secondary School Leaving Certificate Examinations 2025 and onwards, shall be conducted by the Mizoram Board of School Education in accordance with the enclosed Scheme of Examinations and Question Designs until further order(s).

The Scheme of Examinations and Question Designs are also available on the Board's official website www.mbse.edu.in.

Sd/-SARAH LALENGZAMI PACHUAU
Secretary
Mizoram Board of School Education

Memo No. No. J.11019/1/2018-MBSE(Acad)/51: Dated Aizawl, the 31st May, 2024
Copy to :

1. The Commissioner and Secretary to Govt. of Mizoram, School Education Department and Controlling Authority of the MBSE, Aizawl.
2. The Director, School Education Department, Govt. of Mizoram, Aizawl.
3. The Principal, Institute of Advanced Study in Education, Aizawl.
4. The Controller of Examinations, MBSE.
5. Regional Officer, MBSE Regional Office, Lunglei.
6. All District Education Officers, Govt. of Mizoram, for information with a request to inform all Principals of Higher Secondary Schools under their jurisdiction the availability of the scheme in the official website of the Board.
7. System Administrator MBSE, for uploading in the official website.
8. All others concerned.
9. Guard File I.


31/05/24
(DAVID LALLAWMAWMA FANAI)
Director (Academic)
Mizoram Board of School Education


CONTENTS

Sl No	SUBJECT	Page No.
	Scheme of Examination	i – ii
1.	English	1 – 6
2.	Mizo	7 – 10
3.	Political Science	11 – 14
4.	History	15 – 18
5.	Sociology	19 – 22
6.	Education	23 – 26
7.	Psychology	27 – 30
8.	Computer Science	31 – 34
9.	Home Science	35 – 38
10.	Geography	39 – 44
11.	Economics	45 – 48
12.	Public Administration	49 – 52
13.	Mathematics	53 – 56
14.	Physics	57 – 60
15.	Chemistry	61 – 64
16.	Biology	65 – 70
17.	Geology	71 – 74
18.	Business Studies	75 – 78
19.	Accountancy	79 – 82
20.	Business Mathematics	83 – 86
21.	Hindi	87 – 90
22.	Bengali	91 – 96
23.	Nepali	97 – 100

**SCHEME OF HIGHER SECONDARY SCHOOL LEAVING CERTIFICATE
EXAMINATIONS UNDER MIZORAM BOARD OF SCHOOL EDUCATION**

The Mizoram Board of School Education will conduct the Higher Secondary School Leaving Certificate (HSSLC) Examinations at the end of class XII based on the syllabi prescribed by this Board, and as per Scheme of Examination notified hereunder :

Sl.No	Subject	No. of Papers	Full marks	Minimum Pass marks	Duration of Examination
A.	COMPULSORY				
1.	Language I	1	80	26	3 hours
2.	Language II	1	80	26	3 hours
B	ELECTIVE SUBJECTS				
3.	Elective I	1	80	26	3 hours
4.	Elective II	1	80	26	3 hours
5.	Elective III	1	80	26	3 hours
C	ADDITIONAL SUBJECT				
6.	One Elective	1	80	26	3 hours
7.	General Studies	1	} In Grade (Internal Assessment)		
8.	Work Experience	1			
9.	Physical & Health Education	1			

Note :

- Language I is either English or Hindi
Language II includes English, Mizo, Hindi, Assamese, Bengali, Manipuri, Nepali, Khasi, Garo, Tynyidie.
- A candidate has the freedom to offer, in lieu of language II, any other elective subject provided in the syllabus.
- Subject having practicals shall carry 70 marks for theory and 10 marks for practical.
- A question may vary in difficulty level from individual to individual. As such, the approximation in respect of each question shall be made by the paper setter on the basis of general anticipation from the group as a whole appearing the examination. This provision is only to make the paper balanced in its weight rather than to determine the pattern of marking at any stage.
- Although the weightage to different content areas and forms of questions has been assigned and the paper setters will adhere to the weightage but there can be slight variation in distribution of marks over different units/forms of questions in the Board Examination depending upon the situation.
- One of the elective subjects prescribed by the Board other than already offered by the candidates as elective subjects may be offered as Additional subject if he/she so desires.
- General Studies, Work Experience and Physical and Health Education shall be assessed internally by the schools. The schools shall maintain cumulative records of students' periodical achievements and progress during the year. The final assessment will be submitted to the Board for incorporation in the result.

8. Classification of successful candidates shall be done as follows :
- 8.1 Distinction : Candidates obtaining 75% and above of the total marks.
 - 8.2 First Division : Candidates obtaining 60% and above but below 75% of the total marks.
 - 8.3 Second Division : Candidates obtaining 50% and above but below 60% of the total marks.
 - 8.4 Third Division : Candidates obtaining 33% and above but below 50% of the total marks.

9. A candidate shall be declared to have passed in the Higher Secondary School Leaving Certificate Examination if he/she obtains :
- 9.1 at least 33% of total marks in each theory paper.
 - 9.2 at least 33% of total marks in each practical paper.
 - 9.3 at least 33% of the aggregate marks.
 - 9.4 at least 'D' grade in the internally assessed subjects.

A candidate shall be required to pass separately in –

- (a) Theory and Practical papers
- (b) Internal Assessment and Annual/Board examinations.

10. Norms for additional Subject :

In respect of a candidate offering an additional subject, the following norms shall be applied :

10.1

An elective subject offered as an additional subject may replace one of the elective subjects offered by the candidate if he/she fails in that elective subject. It may also replace a language, provided that after replacement the candidate has English/Hindi as one of the languages.

10.2

An elective subject offered as an additional subject may, upon request, replace one of the elective subjects offered by the candidate.

Note : Such replacement shall not affect the rank/merit list(s) declared by the Board.

10.3

Marks obtained above the minimum pass mark in the additional subject shall not be added to aggregate marks irrespective of pass and failure.

11. Other rules or conditions if considered necessary shall be determined by the Board from time to time.

Subject : English
Class : XI

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Comprehension : Questions testing the students' ability to recall, define, identify facts, terminologies/glossaries e.g WH questions based on the text (seen and unseen), and questions testing their ability to understand, contemplate, interpret, summarize and describe the concept and meaning within the context including extraction of information from the context.	40	50%
1.2	Expression: Questions testing the students' ability to depict innovative thinking using the language creatively, explain, describe, discuss, report, comment, compare, contrast, summarise etc.	24	30%
1.3	Higher Order Thinking Skills (HOTS): Questions testing the students' ability to appreciate, reason, analyse, synthesize, interpret, compare, contrast, compiling the pieces of information beyond the textbooks, extrapolation etc., and questions that are inferential and evaluative, testing their ability to form opinions, make judgements, assessments, justifying the value or worth of a decision or outcome based on the text or given passages.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	01	16
2.2	Short Answer I	13	02	26
2.3	Short Answer II	1	04	04
2.4	Long Answer I	04	06	24
2.5	Long Answer II	01	10	10
Total		35		80

3. Weightage to Content Area:

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
3.1	Section – A : Reading Skills	16
	1. Unseen Passage Type 1	
	A. Short answer questions	2 x 2 = 4
	B. Multiple choice questions	3 x 1 = 3
	C. Vocabulary	3 x 1 = 3
	2. Unseen Passage Type 2	6
	A. Note making	(Note: 6 marks may be divided equally between Note-making and Summary)
	B. Summary	
3.2	Section – B : Writing Skills	20
	1. Short composition (Advertisement or poster) (50 words)	4 (4 Marks: Format: 1/Content and expression: 3)
	2. Article writing or Report writing (120 Words)	6 (6 Marks: Format: 1/Content and expression: 5)
	3. Letter writing	10 (10 Marks: Format: 3/Content: 7)
3.3	Section – C : Grammar	8
	1. Tenses, Clauses	4 x 1 = 4
	2. Re-ordering/transformation of sentences	2 x 2 = 4
3.4	Section – D : Literature	36
	Textbook - Hornbill	
	Poetry Section	9
	1. One out of two extracts (objective type)	3 x 1 = 3
	2. Three short answer questions	3 x 2 = 6
	Prose Section	15
	1. Objective type	3 x 1 = 3
	2. Three short answer questions	3 x 2 = 6
	3. One out of two long answer question	1 x 6 = 6
	Textbook – Snapshots (Supplementary reader)	12
	1. Three short answer questions	3 x 2 = 6
	2. One out of two long answer question	1 x 6 = 6

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choice (either/or type) is to be given in each question of writing section, extract in poetry section (Coursebook), short answer questions of prose section (Coursebook) and one long answer each from Coursebook and Supplementary Reader.
- (iii) The alternate questions given by way of choice should be based on the same objective and should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : English
Class : XII

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Comprehension : Questions testing the students' ability to recall, define, identify facts, terminologies/glossaries e.g WH questions based on the text (seen and unseen), and questions testing their ability to understand, contemplate, interpret, summarize and describe the concept and meaning within the context including extraction of information from the context.	40	50%
1.2	Expression: Questions testing the students' ability to depict innovative thinking using the language creatively, explain, describe, discuss, report, comment, compare, contrast, summarise etc.	24	30%
1.3	Higher Order Thinking Skills (HOTS): Questions testing the students' ability to appreciate, reason, analyse, synthesize, interpret, compare, contrast, compiling the pieces of information beyond the textbooks, extrapolation etc., and questions that are inferential and evaluative, testing their ability to form opinions, make judgements, assessments, justifying the value or worth of a decision or outcome based on the text or given passages.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	01	16
2.2	Short Answer I	11	02	22
2.3	Short Answer II	02	04	08
2.4	Long Answer I	04	06	24
2.5	Long Answer II	01	10	10
Total		34		80

3. Weightage to Content Area:

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
3.1	Section – A : Reading Skills	16
	1. Unseen Passage Type 1	
	A. Short answer question	2
	B. Multiple choice questions	5 x 1 = 5
	C. Vocabulary	3 x 1 = 3
	2. Unseen Passage Type 2	6
	A. Note making	(Note: 6 marks may be divided equally between Note-making and Summary)
	B. Summary	
3.2	Section – B : Writing Skills	24
	1. Short composition- Notice and Invitation (50 words)	4 + 4 = 8 (4 marks: Format: 1/ Content: 3) + (4 marks: Format: 1/ Content: 3)
	2. Letter Writing	10 (10 Marks: Format: 3/Content: 7)
	3. Article writing or Report writing (120 words)	6 (6 Marks: Format: 1/Content and expression: 5)
3.3	Section – C : Literature	40
	Textbook - Flamingo	
	Poetry Section	08
	1. One out of two extracts (objective type)	2 x 1 = 2
	2. Three short answer questions	3 x 2 = 6
	Prose Section	16
	1. Two multiple choice questions	2 x 1 = 2
	2. Four short answer questions	4 x 2 = 8
	3. One out of two long answer question	1 x 6 = 6
	Textbook – Vistas (Supplementary Reader)	16
	1. Three short answer questions	3 x 2 = 6
	2. Four multiple choice questions	4 x 1 = 4
	3. One out of two long answer question	1 x 6 = 6

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choice (either/or type is to be given in letter writing and article/report writing in writing section, extract in poetry section (Coursebook), and one long answer each from Coursebook and Supplementary Reader.
- (iii) The alternate questions given by way of choice should be based on the same objective and should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Mizo
Class : XI

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Comprehension: Remembering of previously learned material/recall data, fact or information. Understanding the meaning, translation, interpretation of instruction and problem. Key words may be compare, explain, relate, summarize, rewrite, distinguish, interpret, translate, show.	48	60%
1.2	Expression : Ability to use learned material through the application of concepts, problem and theories so that the entire organizational structure may be understood. Key words may be apply, build, construct, choose, demonstrate, discover, utilize, provide an example, use given content to interpret.	16	20%
1.3	Higher Order Thinking Skills (HOTS): Ability to combine facts, ideas or information to make a new whole. Key words may be analyze, compare, contrast, classify, elaborate, explain, summarize, differentiate between different pieces of information, appraise, conclude, criticize, determine, evaluate, justify, interpret, relate.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	10	2	20
2.3	Short Answer II	03	4	12
2.4	Long Answer	04	8	32
Total		33		80

3. Weightage to Content Area:

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
3.1	HLA (Poetry) Suggested Break-up of Marks	18 Marks 8+2+2+2+1+1+1+1
3.2	THU (Prose) Suggested Break-up of Marks	18 Marks 8+2+2+2+1+1+1+1
3.3	LEMCHAN (Drama) Suggested Break-up of Marks	10 Marks 8+1+1
3.4	THAWNTHU (Fiction) Suggested Break-up of Marks	10 Marks 8+1+1

	GRAMMAR & COMPOSITION Suggested Break-up of Marks	16 Marks
3.5	a. Mood	1+1 = 2
	b. Tawng upa (Idioms and phrases)	1+1+2 = 4
	c. Report ziah dan leh Thu Lak tawi (Precis Writing)	4
	d. Minute ziah dan	2+4 = 6
3.6	RAPID READER Suggested Break-up of Marks	8 Marks 4+2+2 = 8
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Options :

There shall be no overall choice.

Subject : Mizo
Class : XII

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Comprehension : Remembering of previously learned material/recall data, fact or information. Understanding the meaning, translation, interpretation of instruction and problem. Key words may be compare, explain, relate, summarize, rewrite, distinguish, interpret, translate, show.	48	60%
1.2	Expression : Ability to use learned material through the application of concepts, problem and theories so that the entire organizational structure may be understood. Key words may be apply, build, construct, choose, demonstrate, discover, utilize, provide an example, use given content to interpret.	16	20%
1.3	Higher Order Thinking Skills (HOTS) : Ability to combine facts, ideas or information to make a new whole. Key words may be analyze, compare, contrast, classify, elaborate, explain, summarize, differentiate between different pieces of information, appraise, conclude, criticize, determine, evaluate, justify, interpret, relate.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	10	2	20
2.3	Short Answer II	03	4	12
2.4	Long Answer	04	8	32
Total		33		80

3. Weightage to Content Area:

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
3.1	HLA (Poetry) Suggested Break-up of Marks	15 Marks 8+2+2++1+1+1
3.2	THU (Prose) Suggested Break-up of Marks	15 Marks 8+2+2+1+1+1
3.3	LEMCHAN (Drama) Suggested Break-up of Marks	11 Marks 4+2+2+1+1+1
3.4	THAWNTHU (Fiction) Suggested Break-up of Marks	11 Marks 4+2+2+1+1+1
3.5	GRAMMAR & COMPOSITION Suggested Break-up of Marks	20 Marks
	a. Adverb	1+1 = 2
	b. Tawng upa (Idioms and phrases)	1+1+2+2 = 6
	c. Letter Writing	4
	d. Essay Writing	8
3.6	RAPID READER Suggested Break-up of Marks	8 Marks 4+2+2 = 8
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Options :

- (i) There shall be no overall choice.
- (ii) Internal choice may be there in Essay Writing carrying 8 marks weightage.

Subject : Political Science
 Class : XI

Max. Marks : 80
 Time : 3 hours
 No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding : Remembering of previously learned material/recall data, fact or information. Understanding of facts and ideas by organizing, comparing, explaining, describing and stating main ideas. Key words may be who, what, when, which, how, name, relate, define, term, tell, select.	48	60%
1.2	Applying : Ability to use learned material through the application of concepts, problem and theories so that the entire organizational structure may be understood. Key words may be apply, build, construct, choose, demonstrate, discover, utilize, provide an example, use given content to interpret.	16	20%
1.3	Higher Order Thinking Skill (HOTS) : Ability to combine facts, ideas or information to make a new whole. Key words may be analyze, compare, contrast, classify, elaborate, explain, summarize, differentiate between different pieces of information, appraise, conclude, criticize, determine, evaluate, justify, interpret, relate.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	01	16
2.2	Short Answer I	06	02	12
2.3	Short Answer II	05	04	20
2.4	Long Answer	04	08	32
Total		31		80

3. Weightage to Content Area:

<i>Unit</i>	<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
	<i>Part A</i>	<i>Indian Constitution at work</i>	
I	3.1	Constitution Why & How	08
	3.2	Rights in the Indian Constitution	
II	3.3	Election and Representation	06
III	3.4	Executive	12
	3.5	Legislature	
	3.6	Judiciary	
IV	3.7	Federalism	06
V	3.8	Local Government	04
VI	3.9	Constitution as a living document	04
	3.10	The Philosophy of the Constitution	
Sub-Total			40
<i>Unit</i>	<i>Part B</i>	<i>Political Theory</i>	
VII	3.11	Political Theory : An Introduction	04
VIII	3.12	Freedom	12
	3.13	Equality	
IX	3.14	Social Justice	06
IX	3.15	Rights	04
XI	3.16	Citizenship	08
	3.17	Nationalism	
XII	3.18	Secularism	06
Sub-Total			40
Grand Total			80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any two questions of 4 marks and any two questions of 8 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Political Science
Class : XII

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding : Remembering of previously learned material/recall data, fact or information. Understanding of facts and ideas by organizing, comparing, explaining, describing and stating main ideas. Key words may be who, what, when, which, how, name, relate, define, term, tell, select.	48	60%
1.2	Applying : Ability to use learned material through the application of concepts, problem and theories so that the entire organizational structure may be understood. Key words may be apply, build, construct, choose, demonstrate, discover, utilize, provide an example, use given content to interpret.	16	20%
1.3	Higher Order Thinking Skill (HOTS) : Ability to combine facts, ideas or information to make a new whole. Key words may be analyze, compare, contrast, classify, elaborate, explain, summarize, differentiate between different pieces of information, appraise, conclude, criticize, determine, evaluate, justify, interpret, relate.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	01	16
2.2	Short Answer I	06	02	12
2.3	Short Answer II	05	04	20
2.4	Long Answer	04	08	32
Total		31		80

3. Weightage to Content Area:

<i>Unit</i>	<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
	<i>Part A</i>	<i>Contemporary World Politics</i>	
I	3.1	The End of Bipolarity	12
	3.2	Contemporary Centres of Power	
II	3.3	Contemporary South Asia	06
III	3.4	International Organizations	12
	3.5	Security in Contemporary World	
IV	3.6	Environment and Natural Resources	06
V	3.7	Globalisation	04
Sub-Total			40
<i>Units</i>	<i>Part B</i>	<i>Politics in India Since Independence</i>	
VI	3.8	Challenges of Nation-Building	10
	3.9	Era of One-Party Dominance	
VII	3.10	Politics of Planned Development	02
VIII	3.11	India's External Relations	06
IX	3.12	Challenges to and Restoration of the Congress System	04
X	3.13	The Crisis of Democratic Order	10
	3.14	Regional Aspirations	
XI	3.15	Recent Developments in Indian Politics	08
Sub-Total			40
Grand Total			80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any two questions of 4 marks and any two questions of 8 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : History
Class : XI

Max. Marks : 80
Time : 3 hours
No. of Paper : 1 (One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, identify, define, or list/state the information. Key words may be who, what, when, which, how, name, relate, define, term, tell, select. Comprehension - to be familiar with meaning, and to understand conceptually, interpret, compare, discuss, contrast, explain, classify, paraphrase the information.	48	60%
1.2	Application : Use abstract information in concrete situation, to apply knowledge to new situation, use given content to interpret a situation, provide an example. Map work	10 6	20%
1.3	Higher Order Thinking Skill (HOTS) : Classify, apply, compare, contrast, or differentiate between, different pieces of information; organize and/or integrate unique pieces of information from a variety of sources. Appraise, argue, judge, support, critique, and/or justify the value or worth of a decision or to predict outcomes.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	09	2	18
2.3	Short Answer II	04	4	16
2.4	Long Answer	04	6	24
2.5	Map work	01	6	06
	Total	34		80

3. Weightage to Content Area:

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
Section A	Early Societies	
3.1	Theme 1 :Early Cities	7
Section B	Empires	
3.2	Theme 2 : An Empire across Three Continents	10
	Theme 3 : Nomadic Empires	10
Section C	Changing Traditions	
3.3	Theme 4 : The Three Orders	13
	Theme 5 : Changing Cultural Traditions	10
Section D	Paths to Modernization	
3.4	Theme 6 : Displacing Indigenous People	10
	Theme 7 : Paths to Modernization	14
3.5	Map Work	6
	Total	80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
	Total	100%

5. Scheme of option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any two questions of 4 marks and any two questions of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : History
Class : XII

Max. Marks : 80
Time : 3 hours
No. of Paper : 1 (One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, identify, define, or list/state the information. Key words may be who, what, when, which, how, name, relate, define, term, tell, select. Comprehension - to be familiar with meaning, and to understand conceptually, interpret, compare, discuss, contrast, explain, classify, paraphrase the information.	48	60%
1.2	Application : Use abstract information in concrete situation, to apply knowledge to new situation, use given content to interpret a situation, provide an example. Map Work	10 6	20%
1.3	Higher Order Thinking Skill (HOTS) : Classify, apply, compare, contrast, or differentiate between, different pieces of information; organize and/or integrate unique pieces of information from a variety of sources. Appraise, argue, judge, support, critique, and/or justify the value or worth of a decision or to predict outcomes.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	09	2	18
2.3	Short Answer II	04	4	16
2.4	Long Answer	04	6	24
2.5	Map work	01	6	06
	Total	34		80

3. Weightage to Content Area:

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
Section A	Archeology & Ancient India	
3.1	Theme 1 : The Story of the First Cities: Harappan Archaeology Theme 2 : Political and Economic History : How Inscriptions tell a story	12
	Theme 3: Social History : Using the Mahabharata Theme 4 : A History of Buddhism : Sanchi Stupa	12
Section B	Medieval India	
3.2	Theme 5 : Medieval Society through Traveller's Account Theme 6 : Religious Histories : The Bhakti-Sufi Tradition	11
	Theme 7 : New Architecture : Hampi Theme 8 : Agrarian Relations : The Ain-i-Akbari	11
Section C	Modern India	
3.3	Theme 9 : Colonialism and Rural Society : Evidence from Official Reports Theme 10 : Representations of 1857	14
	Theme 11 : Mahatma Gandhi through Contemporary Eyes Theme 12 : The Making of the Constitution	14
3.4	Map Work	06
	Total	80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
	Total	100%

5. Scheme of option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any two questions of 4 marks and any two questions of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Sociology
Class : XI

Max. Marks : 80
Time : 3 hours
No. of Paper : 1 (One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Remembering of previously learned material/recall data, fact, or information. Key words may be who, what, when, which, how, name, relate, define, term, tell, select. Understanding the meaning, translation, interpretation of instruction and problem. Key words may be compare, explain, relate, summarize, rewrite, distinguish, interpret, translate, show.	48	60%
1.2	Application : Ability to use learned material through the application of rules, methods, concepts, principles, laws and theories so that the entire organizational structure may be understood. Key words may be apply, build, construct, choose, demonstrate, discover, utilize, solve, provide an example, use given content to interpret.	16	20%
1.3	Higher Order Thinking Skill (HOTS) : Ability to combine facts, ideas or information to make a new whole. Key words may be analyze, compare, contrast, classify, elaborate, explain, summarize, write, differentiate between different pieces of information. Creating, Evaluation and Multi-Disciplinary, Generating new ideas, product or ways of viewing thing, appraise, judge and or justify, select, decide, argue, recommend, assess, discuss, determine, prioritize, criticize, evaluate.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	08	2	16
2.3	Short Answer II	06	4	24
2.4	Long Answer	04	6	24
Total		34		80

3. Weightage to Content Area:

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
	<i>Part-A-Introducing Sociology</i>	40
1.	Society and Sociology	08
2.	Basic Concepts	08
3.	Social Institutions	08
4.	Culture and Society	08
5.	Doing Sociology: Methods and Techniques	08
	<i>Part-B- Understanding Society</i>	40
6.	Structure, Process and Stratification	08
9.	Social Change	08
10.	Environment and Society	08
11.	Western Social Thinkers	08
12.	Indian Sociologists	08
	Total	80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
	Total	100%

5. Scheme of option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in five questions. This internal choice may be given in any three questions of 4 marks and any two questions of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Sociology
Class : XII

Max. Marks : 80
Time : 3 hours
No. of Paper : 1 (One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Remembering of previously learned material/recall data, fact, or information. Key words may be who, what, when, which, how, name, relate, define, term, tell, select. Understanding the meaning, translation, interpretation of instruction and problem. Key words may be compare, explain, relate, summarize, rewrite, distinguish, interpret, translate, show.	42	60%
1.2	Application : Ability to use learned material through the application of rules, methods, concepts, principles, laws and theories so that the entire organizational structure may be understood. Key words may be apply, build, construct, choose, demonstrate, discover, utilize, solve, provide an example, use given content to interpret.	14	20%
1.3	Higher Order Thinking Skill (HOTS) : Ability to combine facts, ideas or information to make a new whole. Key words may be analyze, compare, contrast, classify, elaborate, explain, summarize, write, differentiate between different pieces of information. Creating, Evaluation and Multi-Disciplinary, Generating new ideas, product or ways of viewing thing, appraise, judge and or justify, select, decide, argue, recommend, assess, discuss, determine, prioritize, criticize, evaluate.	14	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	08	2	16
2.3	Short Answer II	06	4	24
2.4	Long Answer	04	6	24
Total		34		80

3. Weightage to Content Area:

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
	<i>Part-A-Indian Society</i>	40
1.	Introducing Indian Society	-
2.	The Demography Structure of the Indian Society	08
3.	Social Institutions:Continuity and Change	12
4.	Market as a Social Institution	
5.	Pattern of Social Inequality and Exclusion	10
6.	Challenges of Cultural Diversity	10
7.	Suggestions for Project Work (Non-Evaluative)	-
	<i>Part-B- Social Change and Development in India</i>	40
8.	Structural Change	10
9.	Cultural Change	
10.	The Constitution and Social Change	05
11.	Change and Development in Rural Society	09
12.	Change and Development in Industrial Society	
13.	Globalization and Social Change	10
14.	Mass Media and Communications	
15.	Social Movements	06
	Total	80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
	Total	100%

5. Scheme of option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in five questions. This internal choice may be given in any three questions of 4 marks and any two questions of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Education
Class : XI

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Exhibiting memory of previously learned material by recalling facts, terms, basic concepts, and answers; Demonstrating understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions and stating main ideas.	48	60%
1.2	Applying: Solving problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	16	20%
1.3	Higher Order Thinking Skills (HOTS): Examining and breaking information into parts by identifying motives or causes; Making inferences and finding evidence to support generalizations; Presenting and defending opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria; Compiling information together in a different way by combining elements in a new pattern or proposing alternative solutions.	16	20%
Total		80	100 %

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	06	2	12
2.3	Short Answer II	05	4	20
2.4	Long Answer	04	8	32
Total		31		80

3. Weightage to Content Area :

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
3.1	Concept of Education	10
3.2	Constitutional Provisions Relating to Education	08
3.3	Contemporary Issues in Indian Education	08
3.4	Aims of Education	08
3.5	Educational Ideas of Some Great Educators	10
3.6	Environmental Education	08
3.7	Value Education	10
3.8	Measurement and Education	08
3.9	Fundamental Statistics	10
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100 %

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any two questions of 4 marks and any two questions of 8 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Education
Class : XII

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Exhibiting memory of previously learned material by recalling facts, terms, basic concepts, and answers; Demonstrating understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions and stating main ideas.	48	60%
1.2	Applying: Solving problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	16	20%
1.3	Formulating, Analysing, Evaluating and Creating: Examining and breaking information into parts by identifying motives or causes; Making inferences and finding evidence to support generalizations; Presenting and defending opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria; Compiling information together in a different way by combining elements in a new pattern or proposing alternative solutions.	16	20%
Total		80	100

2. Weightage to Form of Questions:

<i>Sl. No</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	06	2	12
2.3	Short Answer II	05	4	20
2.4	Long Answer	04	8	32
Total		31		80

3. Weightage to Content Area:

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
3.1	Psychology as a behavioural Science	08
3.2	Growth and Development	10
3.3	Heredity and Environment	08
3.4	Learning	08
3.5	Habits	06
3.6	Attention and Interests	06
3.7	Memory and Forgetting	06
3.8	Personality and Intelligence	12
3.9	Mental Health and Adjustment	08
3.10	Guidance and Counselling	08
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100 %

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any two questions of 4 marks and any two questions of 8 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Psychology (Theory)
 Class : XI

Max. Marks : 70
 Time : 3 hours
 No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Exhibiting memory of previously learned material by recalling facts, terms, basic concepts, and answers; Demonstrating understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions and stating main ideas.	42	60%
1.2	Applying: Solving problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	14	20%
1.3	Higher Order Thinking Skills (HOTS): Examining and breaking information into parts by identifying motives or causes; Making inferences and finding evidence to support generalizations; Presenting and defending opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria; Compiling information together in a different way by combining elements in a new pattern or proposing alternative solutions.	14	20%
Total		70	100 %

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	07	2	14
2.3	Short Answer II	06	4	24
2.4	Long Answer	03	6	18
Total		30		70

3. Weightage to Content Area:

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
3.1	What is Psychology?	11
3.2	Methods of Enquiry in Psychology	13
3.3	Human Development	11
3.4	Sensory, Attentional and Perceptual Processes	08
3.5	Learning	09
3.6	Human Memory	08
3.7	Thinking	10
3.8	Motivation and Emotion	
Total		70

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100 %

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choice (either/or type) may be given in one question. This internal choice may be given in any one question of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Psychology (Practical)

Max. Marks : 10

Class : XI

Time : 2 Hours

No. of Paper : 1 (one)

1. Two practical works related to the following topics to be performed for the final examination:

- a) Human development
- b) Learning
- c) Memory
- d) Motivation
- e) Perception
- f) Attention
- g) Thinking

2. Mark Distribution:

Accurate conduct of 2 practical works : 5+5 = 10 Marks

Total : 10 Marks

Subject : Psychology (Theory)
 Class : XII

Max. Marks : 70
 Time : 3 hours
 No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Exhibiting memory of previously learned material by recalling facts, terms, basic concepts, and answers; Demonstrating understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions and stating main ideas.	42	60%
1.2	Applying: Solving problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	14	20%
1.3	Higher Order Thinking Skills (HOTS): Examining and breaking information into parts by identifying motives or causes; Making inferences and finding evidence to support generalizations; Presenting and defending opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria; Compiling information together in a different way by combining elements in a new pattern or proposing alternative solutions.	14	20%
Total		70	100 %

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	07	2	14
2.3	Short Answer II	06	4	24
2.4	Long Answer	03	6	18
Total		30		70

3. Weightage to Content Area:

<i>Sl. No.</i>	<i>Topic</i>	<i>Marks</i>
3.1	Variations in Psychological Attributes	13
3.2	Self and Personality	13
3.3	Meeting Life Challenges	09
3.4	Psychological Disorders	12
3.5	Therapeutic Approaches	09
3.6	Attitude and Social Cognition	08
3.7	Social Influence and Group Processes	06
Total		70

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100

5. Scheme of Options

- (i) There shall be no overall choice.
- (ii) Internal choice (either/or type) may be given in one question. This internal choice may be given in any one question of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Psychology (Practical)

Max. Marks : 10

Class : XII

Time : 2 Hours

No. of Paper : 1 (one)

1. Two practical works related to the following topics to be performed for the final examination:

- a) Intelligence
- b) Adjustment
- c) Self-Concept
- d) Personality
- e) Aptitude
- f) Attitude
- g) Anxiety

2. Mark Distribution:

Accurate conduct of 2 practical works : 5+5 = 10 Marks

Total : 10 Marks

Subject : **Computer Science (Theory)** **Max. Marks** : **70**
Class : **XI** **Time** : **3 hours**
No. of Paper : **1(One)**

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	<p>Remembering and Understanding : Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers.</p> <p>Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas</p>	35	50%
1.2	<p>Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.</p>	21	30%
1.3	<p>Higher Order Thinking Skills (HOTS) : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations.</p> <p>Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria.</p> <p>Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.</p>	14	20%
Total		70	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	10	2	20
2.3	Short Answer II	09	4	36
Total		33		70

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
3.1	Computer systems and organisation	15
3.2	Computational thinking and programming - 1	40
3.3	Cyber safety, Society, Law and Ethics	15
Total		70

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/ or type) on a very selective basis may be given in five questions. This internal choice may be given in any 2 questions of 2 marks and any 3 questions of 4 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : **Computer Science (Practical)** **Max. Marks** : **10 marks**
Class : **XI** **Time** : **2 hours**
No. of Paper : **1(One)**

There must be three sets of questions for Practical in Python. Students have to choose one set of question and tested in computer during examination.

1. **Programming in Python** : **08 Marks**

Marks are allotted based on the following —

Logic : 05 Marks

Output Presentation : 03 Marks

The types of problems to be given will be of application type from the following topics: —

- expressions
- conditionals
- loops
- list
- dictionary
- strings

2. **Viva Voce** : **02 Marks**

Viva will be asked from syllabus covered in Class XI.

Subject : **Computer Science (Theory)** **Max. Marks** : **70 marks**
Class : **XII** **Time** : **3 hours**
No. of Paper : **1(One)**

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas	35	50%
1.2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	21	30%
1.3	Higher Order Thinking Skills (HOTS) : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.	14	20%
Total		70	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	10	2	20
2.3	Short Answer II	09	4	36
Total		33		70

3. Weightage to Content Areas:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
3.1	Computational Thinking and Programming - 2	35
3.2	Computer Networks	15
3.3	Database Management	20
Total		70

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in five questions. This internal choice may be given in any two questions of 2 marks and any three questions of 4 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : **Computer Science (Practical)** **Max. Marks** : **10 marks**
Class : **XII** **Time** : **2 hours**
No. of Paper : **1(One)**

There must be three sets of questions for Practical in Python and SQL. Students have to choose one set of question and tested in computer during examination.

1. **Programming in Python** **05 Marks**

Marks are allotted on the basis of the following —

Logic : 03 Marks
Output Presentation : 02 Marks

The types of problems to be given will be of application type from the following topics —

- tuples
- strings
- dictionaries
- functions
- file handling
- data structure
- simple algorithms (factorials, conditional branching, loops)

2. **SQL and web – server** **03 marks**

Query questions based on SQL along with respective outputs from relations.

3. **Viva Voce** **02 Marks**

Viva will be asked from syllabus covered in Class XII.

Subject : Home Science (Theory) **Max. Marks** : 70
Class : XI **Time** : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning :

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding : Knowledge and understanding based questions terms, concepts, principles, or theories; Identify, define, or recite interpret, explain, paraphrase information.	35	50%
1.2	Applying: Use abstract information in concrete situation, to apply knowledge to new situations. Use given content to interpret a situation.	21	30%
1.3	Higher Order Thinking Skills (HOTS) : Formulation, analysis, Evaluation and creativity based question (Appraise, judge, and /or justify the value or worth of a decision or outcome, or to predict outcomes) Classify, compare, contrast, or differentiate between different pieces of integrate unique piece of information from a variety of sources)	14	20%
Total		70	100%

2. Weightage to Form of Questions :

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	08	2	16
2.3	Short Answer II	04	4	16
2.4	Long Answer	04	6	24
Total		30		70

3. Weightage to Content Area :

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
3.1	Introduction to Home Science	02
3.2	Understanding oneself :Adolescence	20
3.3	Understanding family, community and society	15
3.4	Childhood	15
3.5	Adulthood	18
Total		70

4. Weightage to Difficulty Level of Questions :

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Options

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any two questions of 4 marks and any two questions of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject	:	Home Science (Practical)	Max. Marks	:	10
Class	:	XI	Time	:	2 hours
			No. of Paper	:	1(One)

Sl. No.	Items	Marks
1.	Two Experiments	(4+4) = 8
2.	Viva Voce	2
	Total	10

All practicals are compulsory.

Choose two experiments from the practicals listed below:

1. Understanding oneself with reference to:
 - (a) Physical development in terms of age, height, weight, hip and chest circumference.
 - (b) Sexual maturity (Age at menarche, Development of breasts: girls). Growth of beard, change in voice: boys).
2.
 - (a) Record own diet for a day.
 - (b) Evaluate qualitatively for adequacy.
3. Preparation of different healthy snacks for an adolescent suitable in her/his context.
4.
 - (a) Record one day's activities relating to time use and work
 - (b) Prepare a time plan for yourself.
5. Plan a budget for a given situation/purpose.
6.
 - (a) Analyze label of any one garment with respect to: Clarity, fiber content, size and care instructions.
 - (b) Prepare one care label of any garment.
 - (c) Analyze two different fabric samples for color fastness.

Subject : Home Science (Theory) **Max. Marks** : 70
Class : XII **Time** : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning :

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding : Knowledge and understanding based questions terms, concepts, principles, or theories; Identify, define, or recite interpret, explain, paraphrase information.	35	50%
1.2	Applying: Use abstract information in concrete situation, to apply knowledge to new situations. Use given content to interpret a situation.	21	30%
1.3	Higher Order Thinking Skills (HOTS) : Formulation, analysis, Evaluation and creativity based question (Appraise, judge, and /or justify the value or worth of a decision or outcome, or to predict outcomes) (Classify, compare, contrast, or differentiate between different pieces of integrate unique piece of information from a variety of sources).	14	20%
Total		70	100%

2. Weightage to Form of Questions :

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	08	2	16
2.3	Short Answer II	04	4	16
2.4	Long Answer	04	6	24
Total		30		70

3. Weightage to Content Area :

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
3.1	Work, Livelihood and Career	05
3.2	Nutrition, Food Science and Technology	20
3.3	Human development and Family Studies	12
3.4	Fabric and Apparel	18
3.5	Resource Management	10
3.6	Communication and Extension	05
Total		70

4. Weightage to Difficulty Level of Questions :

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Options

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any two questions of 4 marks and any two questions of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject	:	Home Science (Practical)	Max. Marks	:	10
Class	:	XII	Time	:	2 hours
			No. of Paper	:	1(One)
Sl. No.		Items		Marks	
1.		Two Experiments		(4+4) = 8	
2.		Viva Voce		2	
		Total			10

All practicals are compulsory.

Choose two experiments from the practicals listed below:

1. Plan a day menu for elderly.
2. Plan a menu for school canteen or mid-day meal in school for a week.
3. Qualitative tests for food adulteration(any two):-
 - (a) Tea leaves
 - (b) Milk
 - (c) Sugar
 - (d) Rice
 - (e) Dal
 - (f) Turmeric
 - (g) Black Pepper
4. Removing the following types of stains (any two):-
 - (a) Ball pen
 - (b) Ink pen
 - (c) Curry
 - (d) Lipstick
 - (e) Tea
 - (f) Coffee
 - (g) Fruits
 - (h) Grease
6. Develop a leaflet/ pamphlet for Consumer Education and Protection on any one of the following:-
 - (a) Consumer Protection Act (CPA).
 - (b) Consumer responsibilities.
 - (c) Consumer problems.

Subject : Geography (Theory)
 Class : XI

Max. Marks : 70
 Time : 3 hours
 No. of Paper : 1 (One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, or theory; identify, define, or list/state the information. Comprehension - to be familiar with meaning, ideas and to understand conceptually, interpret, compare, discuss, contrast, explain, classify the information.	42	60%
1.2	Applying : Use abstract information in concrete situation, to apply knowledge to new situation, use given content to interpret a situations, provide an example. Map Work	9 5	20%
1.3	Higher Order Thinking Skill (HOTS) : Analysis & synthesis - classify, apply, compare, contrast, or differentiate between, different pieces of information; organize and/or integrate unique pieces of information from a variety of sources. Appraise, argue, judge, support, critique, and/or justify the value or worth of a decision, ideas, theories, and laws.	14	20%
Total		70	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	15	1	15
2.2	Short Answer I	09	2	18
2.3	Short Answer II	05	4	20
2.4	Long Answer	02	6	12
2.5	Map Work-A	02	1	2
2.6	Map Work-B	03	1	3
Total		36		70

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
Part A: Fundamental of Physical Geography		
1	Geography as a discipline	4
2	The Earth	5
3	Landforms	5
4	Climate	9
5	Water (Oceans)	5
6	Map work	2
Sub-Total		30
Part B: Indian- Physical Environment		
7	Introduction	5
8	Physiography	9
9	Climate and Vegetation	6
10	Natural Hazards and Disasters	7
11	Map work	3
Sub-Total		30
Part C: Mizoram		
12	Introduction	3
13	Physiography	3
14	Climate, Vegetation and Agriculture	4
Sub-Total		10
Total		70

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in three questions. This internal choice may be given in any two questions of 4 marks and any one question of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : **Geography (Practical)**
Class : **XI**

Max. Marks : **10**
Time : **2 hours**
No. of Paper : **1 (One)**

Unit wise Weightage :

Sl. No.	Unit	Marks
1.	Fundamentals of Maps	05
2.	Topographic and Remote Sensing	05
3.	Viva Voce	-
	Total	10

Subject : Geography
Class : XII

Max. Marks : 70
Time : 3 hours
No. of Paper : 1 (One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, or theory; identify, define, or list/state the information. Comprehension - to be familiar with meaning, ideas and to understand conceptually, interpret, compare, discuss, contrast, explain, classify the information.	42	60%
1.2	Applying : Use abstract information in concrete situation, to apply knowledge to new situation, use given content to interpret a situations, provide an example. Map Work	9 5	20%
1.3	Higher Order Thinking Skills (HOTS) : Analysis & synthesis - classify, apply, compare, contrast, or differentiate between, different pieces of information; organize and/or integrate unique pieces of information from a variety of sources. Appraise, argue, judge, support, critique, and/or justify the value or worth of a decision, ideas, theories, and laws.	14	20%
Total		70	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	15	1	15
2.2	Short Answer I	09	2	18
2.3	Short Answer II	05	4	20
2.4	Long Answer	02	6	12
2.5	Map Work-A	02	1	2
2.6	Map Work-B	03	1	3
Total		36		70

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
Part A: Fundamentals of Human Geography		
1	Human Geography : Nature and Scope	5
2	People	7
3	Human Activities	11
4	Transport, Communication and Trade	10
5	Map work (related to unit 1-4)	2
Sub-Total		35
Part B: Indian, People and Economy		
6	People	6
7	Human settlements	6
8	Resource and Development	9
9	Transport, Communication and International Trade	6
10	Geographical Perspective on Selected issues and problems	5
11	Map work (related to unit 6-10)	3
Sub-Total		35
Total		70

3. Weightage to Content Area:

4. Weightage to Difficulty level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in three questions. This internal choice may be given in any two questions of 4 marks and any one question of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Geography (Practical)
Class : XII

Max. Marks : 10
Time : 2 hours
No. of Paper : 1 (One)

Unit wise Weightage:

Sl. No.	Unit	Marks
1.	Data-Its source and compilation	02
2.	Data Processing	02
3.	Graphical representation of Data	03
4.	Spatial Information Technology	03
	Total	10

Subject : Economics **Max. Marks : 80**
Class : XI **Time : 3 hours**
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding : Simple, recall questions, concepts, facts and define, Conceptuality, Interpretation, comparison, explanation, etc.	48	60%
1.2	Applying : To apply knowledge to new situation, to provide an example or solve a problem, etc.	16	20%
1.3	Higher Order Thinking Skills (HOTS) : Analysis, to organise or integrate unique information, to appraise, judge or justify the value or worth of a decision or outcome, etc.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	04	2	08
2.3	Short Answer II	06	4	24
2.4	Long Answer	04	8	32
Total		30		80

3. Weightage to content:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
PART A : MICRO – ECONOMICS		
1	Introduction	04
2	Demand Supply and Market Mechanism	12
3	Elasticity	06
4	Behaviour of Consumer and Producers	10
5	Perfect Competition – Price Determination and Simple Applications	08
PART B : STATISTICS FOR ECONOMICS		
6	Introduction	02
7	Collections, Presentation and Organisation of data	12
8	Measures of Central Tendency	20
9	Correlation and Index Numbers	06
Total		80

4. Weightage to difficult Level of Questions:

Sl. No.	Level of Questions	Percentage
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of Options

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any one question of 4 marks and any one question of 8 marks in both Part A and B.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Economics **Max. Marks : 80**
Class : XII **Time : 3 hours**
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering (Understanding & Comprehension): Simple, recall questions, concepts, facts and define, Conceptuality, Interpretation, comparison, explanation, etc.	48	60%
1.2	Application/Expression : To apply knowledge to new situation, to provide an example or solve a problem, etc.	16	20%
1.3	Higher Order Thinking Skills (HOTS) (Analysing, Evaluating, Creating) : Analysis, to organise or integrate unique information, to appraise, judge or justify the value or worth of a decision or outcome, etc.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	04	2	08
2.3	Short Answer II	06	4	24
2.4	Long Answer	04	8	32
Total		30		80

3. Weightage to content:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
PART A : MACRO – ECONOMICS		
1	National Income and related Aggregate	10
2	Theory of Income and Employment	10
3	Money and Banking	06
4	Government Budget and the Economy	08
5	Balance of Payments	06
PART B : INDIAN ECONOMIC DEVELOPMENT		
6	Development Experience (1947 – 1990)	12
7	Economic Reforms since 1991	10
8	Current challenges facing Indian Economy	14
9	A Comparison with neighbours	04
Total		80

Note: Chapter Distribution in Units in Part B

<i>Unit</i>	<i>Chapters</i>
6	2, 3, 4, 5
7	6
8	8, 9, 10, 11
9	12

4. Weightage to different Level of Questions:

<i>Sl. No.</i>	<i>Level of Questions</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
	Total	100%

5. Scheme of Options

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any one question of 4 marks and any one question of 8 marks in both Part A and B.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject	:	Public Administration	Max. Marks	:	80
Class	:	XI	Time	:	3 hours
			No. of Paper	:	1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding : Remembering of previously learned material/recall data, fact or information. Understanding of facts and ideas by organizing, comparing, explaining, describing and stating main ideas. Key words may be who, what, when, which, how, name, relate, define, term, tell, select.	48	60%
1.2	Applying : Ability to use learned material through the application of concepts, problem and theories so that the entire organizational structure may be understood. Key words may be apply, build, construct, choose, demonstrate, discover, utilize, provide an example, use given content to interpret.	16	20%
1.3	Higher Order Thinking Skill (HOTS) : Ability to combine facts, ideas or information to make a new whole. Key words may be analyze, compare, contrast, classify, elaborate, explain, summarize, differentiate between different pieces of information, appraise, conclude, criticize, determine, evaluate, justify, interpret, relate.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	01	16
2.2	Short Answer I	06	02	12
2.3	Short Answer II	05	04	20
2.4	Long Answer	04	08	32
Total		31		80

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
I	Basic Concept of Public Administration	16
II	Organisation and its administration	16
III	Personnel Administration	16
IV	Administrative at Work	16
V	Development Administration	16
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Option :

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in two questions. This internal choice may be given in any two questions of 8 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject	:	Public Administration	Max. Marks	:	80
Class	:	XII	Time	:	3 hours
			No. of Paper	:	1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding : Remembering of previously learned material/recall data, fact or information. Understanding of facts and ideas by organizing, comparing, explaining, describing and stating main ideas. Key words may be who, what, when, which, how, name, relate, define, term, tell, select.	48	60%
1.2	Applying : Ability to use learned material through the application of concepts, problem and theories so that the entire organizational structure may be understood. Key words may be apply, build, construct, choose, demonstrate, discover, utilize, provide an example, use given content to interpret.	16	20%
1.3	Higher Order Thinking Skill (HOTS) : Ability to combine facts, ideas or information to make a new whole. Key words may be analyze, compare, contrast, classify, elaborate, explain, summarize, differentiate between different pieces of information, appraise, conclude, criticize, determine, evaluate, justify, interpret, relate.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	01	16
2.2	Short Answer I	06	02	12
2.3	Short Answer II	05	04	20
2.4	Long Answer	04	08	32
Total		31		80

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
I	Development of Indian Administration	16
II	Central Administration	16
III	State Administration	16
IV	District Administration	16
V	Personnel Administration	16
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Option :

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in two questions. This internal choice may be given in any two questions of 8 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Mathematics **Max. Marks : 80**
Class : XI **Time : 3 hours**
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas	40	50%
1.2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way. Use abstract information in concrete situation.	24	30%
1.3	Higher Order Thinking Skills (HOTS) : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer-I	04	2	08
2.3	Short Answer-II	08	4	32
2.4	Long Answer	04	6	24
Total		32		80

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
3.1	Sets and Functions	23
3.2	Algebra	25
3.3	Coordinate Geometry	12
3.4	Calculus	08
3.5	Statistics and Probability	12
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in five questions. This internal choice may be given in any three questions of 4 marks and any two questions of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Mathematics
 Class : XII

Max. Marks : 80 marks
 Time : 3 hours
 No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas	40	50%
1.2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way. Use abstract information in concrete situation.	24	30%
1.3	Higher Order Thinking Skills (HOTS) : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer-I	04	2	08
2.3	Short Answer-II	08	4	32
2.4	Long Answer	04	6	24
Total		32		80

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
3.1	Relations and Functions	08
3.2	Algebra	10
3.3	Calculus	34
3.4	Vectors and Three-Dimensional Geometry	14
3.5	Linear Programming	06
3.6	Probability	08
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in five questions. This internal choice may be given in any three questions of 4 marks and any two questions of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Physics (Theory)
Class : XI

Max. Marks : 70
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas.	35	50%
1.2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way. Use abstract information in concrete situation.	21	30%
1.3	Higher Order Thinking Skills (HOTS) : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.	14	20%
Total		70	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	07	2	14
2.3	Short Answer II	06	4	24
2.4	Long Answer	03	6	18
Total		30		70

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
I	Physical World & Measurement	23
II	Kinematics	
III	Laws of Motion	
IV	Work, Energy and Power	17
V	Motion of System of Particles & Rigid Body	
VI	Gravitation	
VII	Properties of Bulk Matter	20
VIII	Thermodynamics	
IX	Behaviour of Perfect Gas & Kinetic Theory of Gases	
X	Oscillations & Waves	10
Total		70

Note: Wherever two or more chapters are clubbed, the question setter should ensure uniform coverage of all chapters.

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in five questions. This internal choice may be given in any three questions of 4 marks and any two questions of 6 marks.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Note: A weightage of 18 – 21 marks in total, has been assigned to numericals.

Subject	:	Physics (Practical)	Max. Marks	:	10
Class	:	XI	Time	:	2 hours
			No. of Papers	:	1(One)

Evaluation Scheme for Practical Examination :

- | | |
|--|-----------------|
| • One experiment (from Section A or B) | 08 Marks |
| • Viva Voce | 02 Marks |
| Total | 10 marks |

Subject : Physics (Theory)
Class : XII

Max. Marks : 70
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas.	35	50%
1.2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way. Use abstract information in concrete situation.	21	30%
1.3	Higher Order Thinking Skills (HOTS) : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.	14	20%
Total		70	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	07	2	14
2.3	Short Answer II	06	4	24
2.4	Long Answer	03	6	18
Total		30		70

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
I	Electrostatics	10
II	Current electricity	07
III	Magnetic Effects of Current and Magnetism	09
IV	Electromagnetics Induction and Alternating Current	09
V	Electromagnetic waves	03
VI	Optics	15
VII	Dual Nature of Matter	04
VIII	Atoms and Nuclei	08
IX	Electronic Devices	05
Total		70

Note: Wherever two or more chapters are clubbed, the question setter should ensure uniform coverage of all chapters.

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in five questions. This internal choice may be given in any three questions of 4 marks and any two questions of 6 marks.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Note: A weightage of 18 – 21 marks in total, has been assigned to numericals.

Subject	:	Physics (Practical)	Max. Marks	:	10
Class	:	XII	Time	:	2 hours
			No. of Paper	:	1(One)

Evaluation Scheme for Practical Examination:

- | | |
|--|-----------------|
| • One experiment (from Section A or B) | 08 Marks |
| • Viva Voce | 02 Marks |
| Total | 10 marks |

Subject : Chemistry (Theory)
Class : XI

Max. Marks : 70
Time : 3hrs
No. of Paper : 1(one)

1. **Weightage to Objectives of Learning:**

<i>Sl. No</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	(Remembering/ Understanding): Definition, terms, simple recall questions, concepts, identification, specific facts, principles, laws, compare, contrast, explain, conceptual interpretation and differentiate	35	50%
1.2	Applying: Solving problems, providing an example, using abstract information in concrete situation and diagram	21	30%
1.3	Higher Order Thinking Skill (HOTS): Calculate, relate, account, justify or to predict outcome based on values	14	20%
	TOTAL	70	100%

2. **Weightage to Form of Questions:**

<i>Sl. No</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks of each Qnts</i>	<i>Total Marks</i>
2.1	Objective type	14	1	14
2.2	Short Answer I	16	2	32
2.3	Short Answer II	6	4	24
	Total	36		70

3. **Weightage to Content:**

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
1	Some basic concepts of chemistry	7
2	Structure of atoms	9
3	Classification of elements and periodicity in properties	6
4	Chemical bonding and molecular structure	7
5	Chemical thermodynamics	9
6	Equilibrium	7
7	Redox reactions	4
8	Organic chemistry: Some basic principles and techniques	11
9	Hydrocarbons	10
	Total	70

4. **Weightage to Difficulty Level of Questions:**

<i>Sl. No</i>	<i>Level of Questions</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
	Total	100%

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any four questions of 2 marks and any three questions of 4 marks.
- iii) The alternate questions given by way of choice should be based on the same objective and from the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Note: Weightage of about 12 marks in total has been assigned to numericals.

Subject	:	Chemistry (Practical)	Max. Marks	:	10
Class	:	XI	Time	:	2 Hours
			No. of Paper	:	1(one)

Evaluation scheme for practical examination:

1.	Experiment (any one of the following experiments)	7 marks
	(a) Salt analysis	
	(b) Volumetric analysis (titration)	
2.	Viva voce (based on experiment performed)	3 marks
	Total	10 marks

Subject : Chemistry (Theory)
Class : XII

Max. Marks : 70
Time : 3hrs
No. of Paper : 1(one)

1. **Weightage to Objectives of Learning:**

<i>Sl. No</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	(Remembering/ Understanding): Definition, terms, simple recall questions, concepts, identification, specific facts, principles, laws, compare, contrast, explain, conceptual interpretation and differentiate	35	50%
1.2	Applying: Solving problems, providing an example, using abstract information in concrete situation and diagram	21	30%
1.3	Higher Order Thinking Skill (HOTS): Calculate, relate, account, justify or to predict outcome based on values	14	20%
	TOTAL	70	100%

2. **Weightage to Form of Questions:**

<i>Sl. No</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks of each Qnts</i>	<i>Total Marks</i>
2.1	Objective type	14	1	14
2.2	Short Answer I	16	2	32
2.3	Short Answer II	6	4	24
	Total	36		70

3. **Weightage to Content:**

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
1	Solutions	7
2	Electrochemistry	9
3	Chemical kinetics	7
4	d- and f- block elements	7
5	Coordination chemistry	7
6	Haloalkanes and haloarenes	6
7	Alcohols, phenols and ethers	6
8	Aldehydes, ketones and carboxylic acids	8
9	Amines	6
10	Biomolecules	7
	Total	70

4. **Weightage to Difficulty Level of Questions:**

<i>Sl. No</i>	<i>Level of Questions</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
	Total	100%

5. Scheme of Options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any four questions of 2 marks and any three questions of 4 marks.
- (iii) The alternate questions given by way of choice should be based on the same objective and from the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Guidelines for evaluation in organic chemistry (units VI,VII,VIII and IX) and numericals:

- i) Organic chemistry units
 - a) IUPAC nomenclature
 - b) Reasoning
 - c) Distinction of organic compounds
 - d) Name reactions
 - e) Reaction mechanism
 - f) Word problems (conversion) covering properties and reaction of functional group.
- ii) Numericals:
Weightage of about 12 marks in total has been assigned to numericals.

Subject	:	Chemistry (Practical)	Max. Marks	:	10
Class	:	XII	Time	:	2 Hours
			No. of Paper	:	1(one)

Evaluation scheme for practical examination:

1.	Experiment (any one of the following experiments)	7 marks
	(a) Salt analysis	
	(b) Volumetric analysis (titration)	
2.	Viva voce (based on experiment performed)	3 marks
	Total	10 marks

Subject : Biology (Theory)
 Class : XI

Max. Marks : 70
 Time : 3 hours
 No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: State, identify, define, describe, name, recall, what, who, how, etc. Compare, contrast, explain, classify, describe, etc.	35	50%
1.2	Applying: Apply knowledge to actual situations, demonstrate, choose, illustrate, predict the outcome, use of abstract information in concrete situations, problem solving, use of facts, rules and principles, etc.	21	30%
1.3	Higher Order Thinking Skills (HOTS) Analyse, break down object or ideas into simpler parts & find evidence to support generalisation, classify, compare, differentiate between different pieces of information, summarise, investigate, formulate, why, design, justify, decide, judge, find, evaluate, making value decisions about issues, resolving controversies or differences of opinion, generating, preparing, producing, developing.	14	20%
Total		70	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	10	2	20
2.3	Short Answer II	06	4	24
2.4	Long Answer	02	6	12
Total		33		70

Note: Objective type questions should be set in the form of multiple choice questions only.

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
I	Diversity in living world	15
II	Structural Organisation in animals and plants	10
III	Cell : Structure and function	15
IV	Plant Physiology	12
V	Human Physiology	18
Total		70

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of option:

- (i) There will be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be provided. This choice may be given in any three question of 2 marks, any two question of 4 marks and any one question of 6 marks weightage.
- (iii) The alternate questions given by way of choices should be based on the same chapter. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : **Biology (Practical)**
Class : **XI**

Max. Marks : **10**
Time : **2 hours**
No. of Paper : **1(One)**

Evaluation scheme for practical examination:

I.	One experiment	05 marks
II.	Spotting	02 marks
III.	Viva Voce	03 marks
	Total	10 marks

I. For question no. 1 (Any one from the following list of experiments)

- (1) To test the presence of sugar, starch, proteins and fats. To detect them in suitable plant and animal materials.
- (2) To detect the presence of sugar in urine/blood sample.
- (3) Test for the presence of urea in urine.
- (4) To detect the presence of albumin in urine.
- (5) To detect the presence of bile salts in urine.
- (6) Preparation and study of T.S of dicot and monocot stem and roots.
- (7) Study and describe three locally available common flowering plants from each of the following family (Solanaceae) including dissection and display of floral whorls and anther and ovary to show number of chambers. Types of roots (Tap and Adventitious); Stem (Herbaceous and woody); Leaf (arrangement, shape; venation, simple and compound).

II. For question no. 2 (Any one from A and any one from B)

A. Study/Observation/Experimental set up-

- (1) Study parts of a compound microscope.
- (2) Study of human skeleton and different types of joints.
- (3) Study and identification of different types of inflorescence.
- (4) Study of external morphology of frog through models.

(5) Observation and comments on the experimental set up for showing:

- (a) Anaerobic respiration
- (b) Phototropism
- (c) Apical bud removal

B. Temporary/Permanent slides

- (1) Amoeba
- (2) Hydra
- (3) Study of mitosis in onion root tip cells and animal cells (grasshopper) from permanent slides.
- (4) Study of tissues and diversity in shapes and sizes of plant and animal cells (e.g palisade cells, guard cells, parenchyma, collenchymas, selerenchyma, xylem, phloem, squamous epithelium. Muscle fibers and mammalian blood smear) through temporary/permanent slides.

Museum specimens of

- (5) Study of the specimens and identification with reasons – Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, moss plant, fern, pine cone, one Monocotyledonous plant and one dicotyledonous plant and one lichen.
- (6) Study of specimens and identification with reasons. Liver fluke, Ascaris, leech, earthworm, prawn, silkworm, honeybee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.

III. Viva Voce (Based on experiments performed)

Subject : Biology (Theory)
 Class : XII

Max. Marks : 70
 Time : 3 hours
 No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: State, identify, define, describe, name, recall, what, who, how, etc. Compare, contrast, explain, classify, describe, etc.	35	50%
1.2	Applying: Apply knowledge to actual situations, demonstrate, choose, illustrate, predict the outcome, use of abstract information in concrete situations, problem solving, use of facts, rules and principles, etc.	21	30%
1.3	Higher Order Thinking Skills (HOTS) Analyse, break down object or ideas into simpler parts & find evidence to support generalisation, classify, compare, differentiate between different pieces of information, summarise, investigate, formulate, why, design, justify, decide, judge, find, evaluate, making value decisions about issues, resolving controversies or differences of opinion, generating, preparing, producing, developing.	14	20%
Total		70	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	10	2	20
2.3	Short Answer II	06	4	24
2.4	Long Answer	02	6	12
Total		33		70

Note: Objective type questions should be set in the form of multiple choice questions only.

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
I	Reproduction	16
II	Genetics and Evolution	20
III	Biology and Human Welfare	12
IV	Biotechnology and its applications	12
V	Ecology and Environment	10
Total		70

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of option:

- (i) There will be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be provided. This choice may be given in any three question of 2 marks, any two question of 4 marks and one question of 6 marks weightage.
- (iii) The alternate questions given by way of choices should be based on the same objective and from the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject	:	Biology (Practical)	Max. Marks	:	10
Class	:	XII	Time	:	2 hours
			No. of Paper	:	1(One)

Evaluation scheme for practical examination:

I.	One Experiment	05 marks
II.	Spotting	02 marks
III.	Viva Voce	03 marks
	Total	10 marks

I. For Question no.1 (any one from the following list of experiments):

- (1) Soil analysis –pH
- (2) Soil analysis –Water holding capacity
- (3) Soil analysis –Moisture content
- (4) Water analysis- (i)pH(ii)clarity(iii)presence of living organism
- (5) Pollen germination
- (6) Population frequency by quadrat method
- (7) Population density by quadrat method
- (8) Prepare a temporary mount of onion root tip to study mitosis
- (9) Effect of different temperatures and different pH on the activity of Salivary amylase on starch.

II. For Question no. 2 (any two from the following list):

- (1) Flowers adapted to pollination by different agencies
- (2) Pollen germination on stigma through a permanent slide
- (3) T.S of testis and T.S of ovary
- (4) Meiosis in grasshopper testis through permanent slides
- (5) T.S of blastula through permanent slides
- (6) Mendelian inheritance using seeds of different colour/size of any plant
- (7) Prepared pedigree charts of genetic traits such as rolling of tongue, blood groups, widow's peak, colour blindness
- (8) Exercise on controlled pollination – Emasculation, tagging and bagging

- (9) Identification of common disease causing organisms like Ascaris, Entamoeba, Plasmodium, ringworm through permanent slides or specimens. Comment on symptoms of diseases that they cause
- (10) Two plants and two animals found in xerophytic conditions. Comment upon their morphological adaptations.
- (11) Plants and animals found in aquatic conditions. Comment upon their morphological adaptations

III. Viva Voce (Based on experiments performed)

Subject : Geology (Theory)
 Class : XI

Max. Marks : 70
 Time : 3 hours
 No. of Paper : 1 (One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, or theory; identify, define, or list/state the information. Comprehension - to be familiar with meaning, ideas and to understand conceptually, interpret, compare, discuss, contrast, explain, classify the information.	35	50%
1.2	Applying : Use abstract information in concrete situation, to apply knowledge to new situation, use given content to interpret a situations, provide an example.	21	30%
1.3	Higher Order Thinking Skill (HOTS): Analysis & synthesis - classify, apply, compare, contrast, or differentiate between, different pieces of information; organize and/or integrate unique pieces of information from a variety of sources. Appraise, argue, judge, support, critique, and/or justify the value or worth of a decision, ideas, theories, and laws.	14	20%
Total		70	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	09	2	18
2.3	Short Answer II	05	4	20
2.4	Long Answer	03	6	18
Total		31		70

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
3.1	General and Physical Geology	20
3.2	Crystallography and Mineralogy	18
3.3	Petrology	20
3.4	General Stratigraphy and Indian Stratigraphy	12
Total		70

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in three questions. This internal choice may be given in any two questions of 4 marks and any one question of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Geology (Practical)

Class : XI

Max. Marks : 10

Time : 2 Hours

No. of paper : 1(one)

Evaluation Scheme for Practical Examination:

- Two experiments ($1\frac{1}{2} + 1\frac{1}{2}$) 03 Marks
- Geological fieldwork 05 Marks
- Viva on experiments 02 Marks
- Total 10 Marks**

Subject : Geology (Theory)
 Class : XII

Max. Marks : 70
 Time : 3 hours
 No. of Paper : 1 (One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, or theory; identify, define, or list/state the information. Comprehension - to be familiar with meaning, ideas and to understand conceptually, interpret, compare, discuss, contrast, explain, classify the information.	35	50%
1.2	Applying : Use abstract information in concrete situation, to apply knowledge to new situation, use given content to interpret a situations, provide an example.	21	30%
1.3	Higher Order Thinking Skill (HOTS): Analysis & synthesis - classify, apply, compare, contrast, or differentiate between, different pieces of information; organize and/or integrate unique pieces of information from a variety of sources. Appraise, argue, judge, support, critique, and/or justify the value or worth of a decision, ideas, theories, and laws.	14	20%
Total		70	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	14	1	14
2.2	Short Answer I	09	2	18
2.3	Short Answer II	05	4	20
2.4	Long Answer	03	6	18
Total		31		70

3. Weightage to Content Area:

Unit	Topic	Marks
1.	Structural Geology	18
2.	Palaeontology	15
3.	Economic Geology	20
4.	Applied Geology	17
Total		70

3. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

4. Scheme of option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in three questions. This internal choice may be given in any two questions of 4 marks and any one question of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Geology (Practical)**Class : XI****Max. Marks : 10****Time : 2 Hours****No. of paper : 1(one)****Evaluation Scheme for Practical Examination :**

- Two experiments ($1\frac{1}{2} + 1\frac{1}{2}$) 03 Marks
- Geological fieldwork 05 Marks
- Viva Voce 02 Marks
- Total 10 Marks**

Subject : Business Studies
 Class : XI

Max. Marks : 80
 Time : 3 hours
 No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Knowledge based simple recall questions, to know specific, terms, concepts, principles, or theories, identify, define. Questions that seek to explain, describe, elaborate – the characteristics, functions, qualities and role of information.	48	60%
1.2	Applying : Questions that seek to highlight the importance, procedure, methods, measures, listing, process, steps involved.	16	20%
1.3	Higher Order Thinking Skills (HOTS) : Questions that differentiate, distinguish, compare, contrast, list out merits and demerits, advantages and disadvantages, analysis and classification. Questions asking to comment, justify, appraise, cause-effect relationship (factors affecting); decision- making questions.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer	09	2	18
2.4	Long Answer I	05	6	30
2.5	Long Answer II	02	8	16
Total		32		80

<i>Form of Questions</i>	<i>No. of Questions</i>	<i>Part A</i>	<i>Part B</i>
Objective Type	16	10	6
Short Answer	09	7	2
Long Answer I	05	3	2
Long Answer II	02	1	1

3. Weightage to Content Area:

<i>Units</i>	<i>Topic</i>	<i>Marks</i>
Part A : Foundations of Business		
1.	Nature and Purpose of Business	08
2.	Forms of Business Organisations	10
3.	Private, Public and Global Enterprises	08
4.	Business Services	08
5.	Emerging Modes of Business	06
6.	Social Responsibility of Business and Business Ethics	05

<i>Units</i>	<i>Topic</i>	<i>Marks</i>
Part B :Organisation, Finance and Trade		
7.	Sources of Business Finance	12
8.	Small Business and Enterprises	06
9.	Internal Trade	10
10	International Trade	07
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Questions</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in three questions. This internal choice may be given in any two questions of 6 marks and any one question of 8 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Business Studies
Class : XII

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding: Knowledge based simple recall questions, to know specific, terms, concepts, principles, or theories, identify, define. Questions that seek to explain, describe, elaborate – the characteristics, functions, qualities and role of information.	48	60%
1.2	Applying : Questions that seek to highlight the importance, procedure, methods, measures, listing, process, steps involved.	16	20%
1.3	Higher Order Thinking Skills (HOTS) : Questions that differentiate, distinguish, compare, contrast, list out merits and demerits, advantages and disadvantages, analysis and classification. Questions asking to comment, justify, appraise, cause-effect relationship (factors affecting); decision- making questions.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer	09	2	18
2.4	Long Answer I	05	6	30
2.5	Long Answer II	02	8	16
Total		32		80

<i>Form of Questions</i>	<i>No. of Questions</i>	<i>Part A</i>	<i>Part B</i>
Objective Type	16	10	6
Short Answer	09	7	2
Long Answer I	05	3	2
Long Answer II	02	1	1

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
Part A : Principles and Functions of Management		
1.	Nature and Significance of Management	10
2.	Principles of Management	
3.	Business Environment	05
4.	Planning	06
5.	Organizing	08
6.	Staffing	08
7.	Directing	08
8.	Controlling	05
Part B :Business Finance and Marketing		
9.	Financial Management	10
10.	Financial Markets	06
11.	Marketing Management	08
12.	Consumer Protection	06
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Questions</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in three questions. This internal choice may be given in any two questions of 6 marks and any one question of 8 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Accountancy
Class : XI

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding : Knowledge based simple recall questions, to know specific facts, terms, concepts, principles and definition of Accounting. Interpretation, comparison and solution of problems based on understanding of different topics.	48	60%
1.2	Applying : Use abstract information in concrete situation, to apply knowledge to new situations; use given context to interpret a situation or solve problem.	16	20%
1.3	Higher Order Thinking Skills (HOTS) : Analysis and synthesis, classify, compare, contrast, or differentiate between different pieces of information; organise/or integrate unique pieces of information. Appraise, judge and/or justify the value or worth of decision or outcomes, or to predict outcome based on values.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer	06	4	24
2.3	Long Answer I	04	6	24
2.4	Long Answer II	02	8	16
Total		29		80

3. Weightage to content:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
PART – A : FINANCIAL ACCOUNTING – I		
1	Introduction to Accounting	5
2	Theory Base of Accounting	7
3	Recording of Business Transactions and preparation of Trial Balance	18
4	Depreciation, Provision and Reserves	8
5	Bank Reconciliation Statement	8
6	Trial Balance and Rectification of Errors	4
7	Financial statement of sale proprietorship	10
PART – B : FINANCIAL ACCOUNTING – II		
8	Financial Statement of not for profit Organisation	10
9	Account from incomplete records	10
Total		80

4. Weightage to difficult Level of Questions:

<i>Sl. No.</i>	<i>Level of Questions</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of Options

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in three questions. This internal choice may be given in any two questions of 6 marks and any one question of 8 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Accountancy
 Class : XII

Max. Marks : 80
 Time : 3 hours
 No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding : Knowledge based simple recall questions, to know specific facts, terms, concepts, principles and definition of Accounting. Interpretation, comparison and solution of problems based on understanding of different topics.	48	60%
1.2	Applying : Use abstract information in concrete situation, to apply knowledge to new situations; use given context to interpret a situation or solve problem.	16	20%
1.3	Higher Order Thinking Skills (HOTS) : Analysis and synthesis, classify, compare, contrast, or differentiate between different pieces of information; organise/or integrate unique pieces of information. Appraise, judge and/or justify the value or worth of decision or outcomes, or to predict outcome based on values.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer	06	4	24
2.3	Long Answer I	04	6	24
2.4	Long Answer II	02	8	16
Total		29		80

3. Weightage to content:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
PART A : ACCOUNTING FOR PARTNERSHIP AND COMPANIES		
1	Introduction to partnership	10
2	Reconstitution and dissolution of Partnership	27
3	Accounting for Companies (Accounting for Shares and Accounting for Debentures)	23
PART B : FINANCIAL STATEMENT ANALYSIS		
4	Analysis of Financial Statements (Financial Statement of a company, Financial Statement Analysis, Accounting Ratios)	14
5	Cash Flow Statement (with Adjustments and Indirect Method only)	06
Total		80

4. Weightage to difficult Level of Questions:

<i>Sl. No.</i>	<i>Level of Questions</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of Options

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in three questions. This internal choice may be given in any two questions of 6 marks and any one question of 8 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : **Business Mathematics**
Class : **XI**

Max. Marks : **80**
Time : **3 hours**
No. of Paper : **1(One)**

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Knowledge and Understanding : Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, or theories, identify, define, comprehension to be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, reasoning assertion.	48	60%
1.2	Applying : Use abstract information in concrete situation to apply knowledge to new situations. Use given content to interpret a situation, provide an example, or solve a problem.	16	20%
1.3	Higher Order Thinking Skills (HOTS) : Analysis & Synthesis – classify, compare, contrast, or differentiate between different pieces of information, organize and/or integrate unique pieces of information from a variety of sources. Appraise, judge and/or justify the value or worth of a decision or outcome, or to predict outcomes based on values.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	06	2	12
2.3	Short Answer II	07	4	28
2.4	Long Answer	04	6	24
Total		33		80

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
PART – A : Commercial Arithmetic		29
1	Profit and Loss	09
2	Logarithms	04
3	Instalment Schemes	06
4	Compound Interest	05
5	Annuities	05
PART – B :		36
1	Basic Trigonometry	04
2	Compounds Angles	07
3	Multiple Angles	04
4	Inverse Trigonometric Functions	09
5	Coordinate Geometry	06
6	Linear Inequalities	06
PART – C :		15
1	Probability	09
2	Relations and Functions	06
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of options:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any two questions of 4 marks and any two questions of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : **Business Mathematics** **Max. Marks** : **80**
Class : **XII** **Time** : **3 hours**
No. of Paper : **1(One)**

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Knowledge and Understanding : Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, or theories, identify, define, comprehension to be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, reasoning assertion.	48	60%
1.2	Applying : Use abstract information in concrete situation to apply knowledge to new situations. Use given content to interpret a situation, provide an example, or solve a problem.	16	20%
1.3	Higher Order Thinking Skills (HOTS) : Analysis & Synthesis – classify, compare, contrast, or differentiate between different pieces of information, organize and/or integrate unique pieces of information from a variety of sources. Appraise, judge and/or justify the value or worth of a decision or outcome, or to predict outcomes based on values.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	16	1	16
2.2	Short Answer I	06	2	12
2.3	Short Answer II	07	4	28
2.4	Long Answer	04	6	24
Total		33		80

3. Weightage to Content Area:

<i>Unit</i>	<i>Topic</i>	<i>Marks</i>
PART – A : Commercial Arithmetic		24
1	(1) Ratio and Proportion	12
	(2) Commission, Brokerage, Insurance	
2	(1) Partnership	12
	(2) Tender and Quotation	
PART – B : Algebra		40
3	(1) Permutation and Combination	22
	(2) Binominal Theorem	
	(3) Sequence and Series	
4	Probability	06
5	Matrices and Determinants	08
6	Linear Programming	04
PART – C : Calculus		16
7	Functions, Limits, continuity	05
8	Differentiation and Integration	11
Total		80

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficulty	20%
Total		100%

5. Scheme of option:

- (i) There shall be no overall choice.
- (ii) Internal choices (either/or type) on a very selective basis may be given in four questions. This internal choice may be given in any two questions of 4 marks and any two questions of 6 marks weightage.
- (iii) The alternate questions given by way of choice should be based on the same objective and the same unit. It should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Hindi
Class : XI

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning :

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Comprehension : Questions testing the students' ability to recall, define, identify facts, terminologies/glossaries e.g WH questions based on the text (seen and unseen), and questions testing their ability to understand, contemplate, interpret, summarize and describe the concept and meaning within the context including extraction of information from the context.	40	50%
1.2	Expression: Questions testing the students' ability to depict innovative thinking using the language creatively, explain, describe, discuss, report, comment, compare, contrast, summarise etc.	24	30%
1.3	Higher Order Thinking Skills (HOTS): Questions testing the students' ability to appreciate, reason, analyse, synthesize, interpret, compare, contrast, compiling the pieces of information beyond the textbooks, extrapolation etc., and questions that are inferential and evaluative, testing their ability to form opinions, make judgements, assessments, justifying the value or worth of a decision or outcome based on the text or given passages.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
1	Objective Type	16	1	16
2	Short Answer I	9	2	18
3	Short Answer II	8	4	32
4	Long Answer I	1	6	6
5	Long Answer II	1	8	8
Total		35		80

2. Weightage to Content Area:

क. अपठितबोध:

13 marks

1. काव्यांश- बोध पर आधारितचारलघूत्तरात्मकप्रश्न

1+1+1+1+2 = 06

2. गद्यांश- बोध पर

आधारितबोध,प्रयोग,रचनांतरण,शीर्षक आदि पर लघूत्तरात्मकप्रश्न

1+1+1+2+2 = 07

ख . रचनात्मकलेखन : कामकाजीहिन्दीऔररचनात्मकलेखन	22 marks
3. निबन्ध	8
4. कार्यालयी पत्र	4
5. आलेख	4
6. फीचरलेखन(जीवनसंदर्भों सेजुडीघटनाओंऔरस्थितियों पर फीचरलेखन)	6

ग . आरोह, भाग- 1(काव्य भागऔरगद्यभाग)	35 marks
7. दोकाव्यांशोंमेंसेकिसी एक पर अर्थ ग्रहण के तीनयाचारप्रश्न	1+1+1+1+2 = 06
8. काव्यांश के सौंदर्यबोध पर दोप्रश्नों के स्थान पर विकल्पदियाजाएगा (किसी एक काव्यांश के तीनोंप्रश्नोंके उत्तर देनेहोंगे)	1+1+1+2 = 05
9. कविताओंकीविषयवस्तुसेसंबंधिततीनमेंसेदोलेखूत्तरात्मकप्रश्न	2+2 = 04
10. दोमेंसेकिसी एक गद्यांश पर आधारित अर्थग्रहण के तीनप्रश्न	1+1+2 = 04
11.पाठों कीविषयवस्तु पर आधारित पाचों मेंसेचारबोधात्मकप्रश्न	4+4+4+4 = 16

पूरकपुस्तक:वितानभाग- 1	10 marks
12. पाठोंकीविषयवस्तु पर आधारिततीनमेंसेदोबोधात्मकप्रश्न (दोनोंमेंसेएकविकल्पीयप्रश्नहोगा)	4+2 = 06
13. विचार/संदेश पर आधारिततीनमेंसेदोलेखूत्तरात्मकप्रश्न	2+2 = 04

3. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

4. Scheme of Option:

- There shall be no overall choice.
- Internal choice (either/or type) is to be given as specified in the syllabus and scheme of examination.
- The alternate questions given by way of choice should be based on the same objective and should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Hindi
Class : XII

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning :

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Comprehension : Questions testing the students' ability to recall, define, identify facts, terminologies/glossaries e.g WH questions based on the text (seen and unseen), and questions testing their ability to understand, contemplate, interpret, summarize and describe the concept and meaning within the context including extraction of information from the context.	40	50%
1.2	Expression: Questions testing the students' ability to depict innovative thinking using the language creatively, explain, describe, discuss, report, comment, compare, contrast, summarise etc.	24	30%
1.3	Higher Order Thinking Skills (HOTS): Questions testing the students' ability to appreciate, reason, analyse, synthesize, interpret, compare, contrast, compiling the pieces of information beyond the textbooks, extrapolation etc., and questions that are inferential and evaluative, testing their ability to form opinions, make judgements, assessments, justifying the value or worth of a decision or outcome based on the text or given passages.	16	20%
Total		80	100%

2. Weightage to Form of Questions:

<i>Sl. No.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
1	Objective Type	16	1	16
2	Short Answer I	10	2	20
3	Short Answer II	6	4	24
4	Long Answer I	2	6	12
5	Long Answer II	1	8	8
Total		35		80

3. Weightage to Contents:

क. अपठितबोध:

13 marks

1. काव्यांश- बोध पर आधारितचारलघूत्तरात्मकप्रश्न $1+1+1+1+2 = 6$
2. गद्यांश- बोध पर आधारितबोध,प्रयोग,रचनांतरण,शीर्षक आदि पर लघूत्तरात्मकप्रश्न $1+1+1+2+2 = 7$

ख. रचनात्मकलेखन एवंजनसंचारमाध्यम

22 marks

3. निबन्ध 8
4. रिपोर्ट 4
5. आलेख 4
6. फीचरलेखन(जीवनसंदर्भों सेजुडीघटनाओंऔरस्थितियों पर फीचरलेखन) 6

ग. आरोह, भाग- 2(काव्य भागऔरगद्यभाग)

35 marks

7. दोकाव्यांशोंमेंसेकिसी एक पर अर्थ ग्रहण के तीनयाचारप्रश्न $1+1+1+1+2 = 06$
8. काव्यांश के सौंदर्यबोध पर दोप्रश्नों के स्थान पर विकल्पदियाजाएगा
(किसी एक काव्यांश के तीनोंप्रश्नोंके उत्तर देनेहोंगे) $1+1+1+2 = 05$
9. कविताओंकीविषयवस्तुसेसंबंधिततीनमेंसेदो लघूत्तरात्मकप्रश्न $2+2 = 04$
10. दोमेंसेकिसी एक गद्यांश पर आधारित अर्थग्रहण के तीनप्रश्न $1+1+2 = 04$
11. पाठों कीविषयवस्तु पर आधारित पाँच मेंसेचारबोधात्मकप्रश्न $4+4+4+4 = 16$

पूरकपुस्तक:वितानभाग- 2

10 marks

12. पाठोंकीविषयवस्तु पर आधारिततीनमेंसेदोबोधात्मकप्रश्न $2+2 = 04$
13. विषयवस्तु पर आधारितदोमेंसे एक निबंधात्मकप्रश्न 06

4. Weightage to Difficulty Level of Questions:

Sl. No.	Level of Question	Percentage
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of Option:

- (i) There shall be no overall choice.
- (ii) Internal choice (either/or type) is to be given as specified in the syllabus and scheme of examination.
- (iii) The alternate questions given by way of choice should be based on the same objective and should have the same anticipated difficulty level and length of answer, as far as practicable.

Subject : Bengali
Class : XI

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Comprehension : Questions testing the student ability to recall data, facts, information, key words may be who, name, relate, define, term, tell, select. Understanding the meaning, translation, ability to bring out information contemplate, interpret, summarize and describe the concept and meaning within the context.	48	60%
1.2	Expression : Questions testing the student ability to depict innovative. Thinking using the language creativity, explain, describe, discuss, report, comment, compare, summarise	15	19%
1.3	Higher Order Thinking Skills (HOTS) : Ability to combine facts, ideas or information to make a new whole, key words maybe analyze, compare, classify, elaborate, explain, summarize, differentiate. Question to test the ability to form opinions, make judgements, assessments, justifying the values or worth of decision or outcome based on the text or given passages.	17	21%
TOTAL		80	100%

2. Weightage to Form of Questions:

<i>Sl. no.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	26	1	26
2.2	Short Answer I	13	2	26
2.3	Short Answer II	06	3	18
2.4	Long Answer	02	5	10
TOTAL		47		80

3. Weightage to Content Area:	
Reading	: 08 Marks
Composition	: 15 Marks
Grammar	: 18 Marks
Prose	: 15 marks
Poetry	: 13 Marks
Short Stories	: 11 Marks
Total	: 80 Marks

SECTION – A **41 marks**

1. Reading Comprehension of unseen prose passages
(it should be 150 – 250 words) — 8 marks

2. Composition — 15 marks
 - (i) Story writing (with given hints in 100 words)
title – 1 mark, moral – 1 mark, story – 3 marks (5marks)
 - (ii) Personal letter and leave application (5marks)
 - (iii) Paragraph writing/ Essay/ Article writing (5marks)

3. Grammar — 18 marks
 - (i) Sandhis (any 2/3 out of five) (2 marks)
 - (ii) Samas (any 2/3 out of five) (2 marks)
 - (iii) Transformation of sentences (simple, compound, complex) (3 marks)
 - (iv) Sadhu and Chalita Bhasa (2 marks)
 - (v) Punctuation (Sentences only from prose) (2 marks)
 - (vi) Polysemous words (To be used in sentences)
(Ekisabda Bibhinya Artha Prayog) (3 marks)
 - (vii) General Correction of words (Any 2/3 out of five) (3 marks)

SECTION – B **39 marks**

1. Prose : (15 marks)
 - (i) Three extracts from different prose lessons followed
by 3 questions. (3X3 = 9)
 - (ii) Two out of three questions (each having subparts)
from different prose lessons. (3X2 = 6)

2. Poetry : (13 marks)
 - (i) Three extracts based on poetry lessons followed
by sub question in each. (3X3 = 9)
 - (ii) Two out of three question from poems. (2X2 = 4)

3. Short Stories : (11 marks)
 - (i) Two out of three questions each having sub – parts. (3X2 = 6)
 - (ii) One question out of two from stories given in
the Rapid reader book having sub parts with
different objective of learning. (5 marks)

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of Option :

There shall not be any overall choice in the question paper. However internal choice on a very selective basis shall be given based on same objective. It shall also have same mark allotment and same difficulty level.

6. Scheme of Section :

There shall be two (2) sections viz., A and B.

Subject : Bengali
Class : XII

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Comprehension : Questions testing the student ability to recall data, facts, information, key words may be who, name, relate, define, term, tell, select. Understanding the meaning, translation, ability to bring out information contemplate, interpret, summarize and describe the concept and meaning within the context.	48	60%
1.2	Expression : Questions testing the student ability to depict innovative. Thinking using the language creativity, explain, describe, discuss, report, comment, compare, summarise	15	19%
1.3	Higher Order Thinking Skills (HOTS) : Ability to combine facts, ideas or information to make a new whole, key words maybe analyze, compare, classify, elaborate, explain, summarize, differentiate. Question to test the ability to form opinions, make judgements, assessments, justifying the values or worth of decision or outcome based on the text or given passages.	17	21%
TOTAL		80	100%

2. Weightage to Form of Questions:

<i>Sl. no.</i>	<i>Form of Questions</i>	<i>No. of Qnts</i>	<i>Marks for each Qnts</i>	<i>Total Marks</i>
2.1	Objective Type	26	1	26
2.2	Short Answer I	13	2	26
2.3	Long Answer II	06	3	18
2.4	Long Answer	02	5	10
TOTAL		47		80

3. Weightage to Content Area:	
Reading	: 08 Marks
Composition	: 15 Marks
Grammar	: 18 Marks
Prose	: 15 marks
Poetry	: 13 Marks
Short Stories	: 11 Marks
Total	: 80 Marks

SECTION – A **41 marks**

1. Reading Comprehension of unseen prose passages
(it should be 150 – 250 words) — 8 marks

2. Composition — 15 marks
 - (i) Story writing (with given hints in 100 words)
title – 1 mark, moral – 1 mark, story – 3 marks (5marks)
 - (ii) Personal letter and leave application (5marks)
 - (iii) Paragraph writing/ Essay/ Article writing (5marks)

3. Grammar — 18 marks
 - (i) Sandhis (any 2/3 out of five) (2 marks)
 - (ii) Samas (any 2/3 out of five) (2 marks)
 - (iii) Transformation of sentences (simple, compound, complex) (3 marks)
 - (iv) Sadhu and Chalita Bhasa (2 marks)
 - (v) Punctuation (Sentences only from prose) (2 marks)
 - (vi) Polysemous words (To be used in sentences)
(Ekisabda Bibhinya Artha Prayog) (3 marks)
 - (vii) General Correction of words (Any 2/3 out of five) (3 marks)

SECTION – B **39 marks**

1. Prose : (15 marks)
 - (i) Three extracts from different prose lessons followed
by 3 questions. (3X3 = 9)
 - (ii) Two out of three questions (each having subparts)
from different prose lessons. (3X2 = 6)

2. Poetry : (13 marks)
 - (i) Three extracts based on poetry lessons followed
by sub question in each. (3X3 = 9)
 - (ii) Two out of three question from poems. (2X2 = 4)

3. Short Stories : (11 marks)
 - (i) Two out of three questions each having sub – parts. (3X2 = 6)
 - (ii) One question out of two from stories given in
the Rapid reader book having sub parts with
different objective of learning. (5 marks)

4. Weightage to Difficulty Level of Questions:

<i>Sl. No.</i>	<i>Level of Question</i>	<i>Percentage</i>
4.1	Easy	30%
4.2	Average	50%
4.3	Difficult	20%
Total		100%

5. Scheme of Option:

There shall not be any overall choice in the question paper. However internal choice on a very selective basis shall be given based on same objective. It shall also have same mark allotment and same difficulty level.

6. Scheme of Section:

There shall be two (2) sections viz., A and B.

Subject : Nepali
Class : XI

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding : Remembering of previously learned material/recall data, fact or information, key words may be who, what, when, which, how, name, define, tell, etc. Understanding the meaning, translations, interpretation of instruction and problem. Key words may be compare, explain, relate summarize, rewrite, distinguish, interpret, translate, etc.	48	60%
1.2	Expression : Key words may be apply, build, construct, choose, demonstrate, discover, utilize, solve, provide an example, discuss, use given content to interpret.	16	20%
1.3	Higher Order Thinking Skills (HOTS) : Ability to combine facts, ideas or information to make a new whole, analyse, synthesize, classify elaborate, classify compiling the piece of information beyond the text book etc. Questions testing the students' ability to form opinion, make judgements, assessments, determine, conclude, evaluate, describe etc.	16	20%
TOTAL		80	100%

2. Weightage to Content Area:

Section 'A' (पठन Reading)

10 marks

1. Unseen Passage

a .VSA/objective/multiple choice questions

(4 questions carrying 1 mark each)

4X1=4

b. Short answer type

(2 questions carrying 2 marks each)

2X2=4

c. Vocabulary

(2 questions carrying 1 mark each)

2X1=2

Section 'B' (रचना र व्याकरण Writing & Grammar)**25 marks**

Text Book : माध्यमिक नेपाली व्याकरण र रचना

Madhyamik Nepali Vyakaran ra Rachana

1. Short Composition (60-80 words)
(Any one from the following topics) 1X5=5
 - a. सूचना पत्र क. बैठक सूचना
ख. स्कूल सूचना
 - b. गुनासो पत्र (complaint letter)
 - c. अर्जी पत्र (applications)

2. निबन्ध लेखन (essay) 250- 300 words 1X8=8

3. व्याकरण (Grammar)
Text Book : Madhyamik Nepali Vyakaran ra Rachana
1 questions each from of the following topics carrying
2 marks each : 6x2=12
 - a. पर्यायवाची शब्द (Paryayabachi Shabda)
 - b. विपरीतार्थक शब्द (Viparitarthak Shabda)
 - c. प्रायः एकार्थक शब्द (Praya Ekarthak Shabda)
 - d. अनेक रूपमा व्यवहृत शब्द (Anek rupma byabaharit Shabda)
 - e. केही सुहाउँदिला शब्द (Kehi Suhaudila Shabda)
 - f. समूह वा मात्रा बोध गराउने शब्द (Samuha wa Matra bodh garaune Shabda)

Section 'C' (Literature)**45 marks**Text Book : उच्च माध्यमिक नेपाली साहित्य र रणदुल्लभ नाटक(Uchcha Madhyamik Nepali Sahitya)
& (Ranadullav Drama)

1. **Poetry Section :** **14 marks**
 - a. Very Short Answer/Objective type (about 10 words)
4 questions carrying 1 mark each 4x1=4
 - b. Short Answer Type (about 20 words)
3 questions carrying 2 marks each 3x2=6
 - c. Summary/Long Answer type
1 question carrying 5 marks 1x5=5

2. **Prose & RR Section :** **30 marks**

Text : Same as poetry section.

 - a. Very Short Answer/Objective type (about 10 words)
6 questions carrying 1 mark each 6x1=6
 - b. Extract
1 question carrying 3 marks each 1x3=3
 - c. Short Answer type (about 20 words)
3 questions carrying 2 marks each 3x2=6
 - d. Short Answer type (40 words)
2 questions carrying 4 marks each 2x4=8
 - e. Long Answer type
1 question carrying 7 marks 1x7=7

Subject : Nepali
Class : XII

Max. Marks : 80
Time : 3 hours
No. of Paper : 1(One)

1. Weightage to Objectives of Learning:

<i>Sl. No.</i>	<i>Learning Objectives</i>	<i>Marks</i>	<i>Percentage</i>
1.1	Remembering and Understanding : Remembering of previously learned material/recall data, fact or information, key words may be who, what, when, which, how, name, define, tell, etc. Understanding the meaning, translations, interpretation of instruction and problem. Key words may be compare, explain, relate summarize, rewrite, distinguish, interpret, translate, etc.	48	60%
1.2	Expression : Key words may be apply, build, construct, choose, demonstrate, discover, utilize, solve, provide an example, discuss, use given content to interpret.	16	20%
1.3	Higher Order Thinking Skills (HOTS) : Ability to combine facts, ideas or information to make a new whole, analyse, synthesize, classify elaborate, classify compiling the piece of information beyond the text book etc. Questions testing the students' ability to form opinion, make judgements, assessments, determine, conclude, evaluate, describe etc.	16	20%
TOTAL		80	100%

2. Weightage to Content Area:

Section 'A' (पठन Reading)

10 marks

1. Unseen Passage 10 marks
 - a. Very Short Answer/Objective type
4 questions carrying 1 mark each 4x1=4
 - b. Vocabulary
2 questions carrying 1 mark each 2x1=2
 - c. Short Answer type
2 questions carrying 2 marks each 2x2=4

Section 'B' (रचना र व्याकरण Rachana ra Vyakaran)**25 marks**

Text Book : माध्यमिक व्याकरण र रचना (Madhyamik Nepali Vyakaran ra Rachana)

1. Composition (60-80 words)
Any one question from the following topics : 1x5=5
 - a. सूचना पत्र (Notice)
 - i. बैठक सूचना
 - ii. स्कूल सूचना
 - b. पत्र लेखन (Letter Writing)
 - i. व्यक्तिगत पत्र (Personal Letter)
 - ii. व्यापारिक पत्र (Business Letter)
 - c. निमन्त्रण पत्र (Invitation)
 - i. औपचारिक (Formal)
 - ii. अनौपचारिक (Informal)
2. निबन्ध लेखन (Essay Writing) 250-300 words 1x8=8
3. व्याकरण (Grammar)
1 questions each from the following topics
carrying 2 marks each : 6x2=12
 - a. भिन्नार्थक शब्द (Bhinnarthak Shabda)
 - b. पर्यायवाची शब्द (Paryayabachi Shabda)
 - c. अनेकार्थक शब्द (Anekarthak Shabda)
 - d. सारशब्द (Sarshabda)
 - e. वाग्धारा (Bagdhara)
 - f. उखान (Ukhan)

Section 'C' : (साहित्य Literature)**45 marks**

Text Book : उच्च माध्यमिक नेपाली साहित्य (Uchcha Madhyamik Nepali Sahitya)

Poetry Section :**15 marks**

- a. Very Short Answer/Objective type (about 10 words)
4 questions carrying 1 mark each 4x1=4
- b. Short Answer type (30-40 words)
3 questions carrying 2 marks each 3x2=6
- c. Long Answer/Summary
1 question carrying 5 marks 1x5=5

Prose Section & RR:**30 marks**

Text Book : उच्च माध्यमिक नेपाली साहित्य र रणदुल्लभ नाटक (Uchcha Madhyamik Nepali Sahitya & Ranadullav Drama)

- a. Very Short Answer/Objective type (about 10 words)
6 questions carrying 1 mark each 6x1=6
- b. Extract
1 questions carrying 3 marks each 1x3=3
- c. Short Answer type :
 - i. 3 questions of about 20 words carrying 2 marks each 3x2=6
 - ii. 2 questions of about 40 words carrying 4 marks each 2x4=8
- d. Long Answer type
1 question carrying 7 marks 1x7=7