

**PUNJAB SCHOOL EDUCATION BOARD SYLLABI
OF
ACADEMIC STREAM
CLASS - XI**



ACADEMIC YEAR 2012-13

VIDYA BHAWAN, PHASE-VIII SAHIBZADA AJIT SINGH NAGAR (MOHALI)

CLASS - XI
1. GENERAL ENGLISH

Time :- 3 hours

Theory : 50 marks
CCE: 25 marks
Total: 75 marks

STRUCTURE OF QUESTION PAPER

Do all questions

Part-A		(10 marks)
1	Objective type question (10 questions) based on total syllabus.	
	a) Grammar	6 marks
	b) 'I AM THE PEOPLE'	2 marks
	c) 'STORIES, PLAYS & TALES OF ADVENTURE'	2 marks
Part-B (I Am The People)		(19 marks)
2	a) Comprehension passage	8 marks
	b) Essay type question (one out of two) in about 100 words.	4 marks
3	a) Summary of a poem (1 out of 2 poems)	4 marks
	b) Translation from English into Vernacular.	3 marks
Part-C (Stories, Plays & Tales of Adventure)		(10 marks)
4	a) Short answer type questions (3 out of 5 questions)	3x2=6 marks
	b) Essay type question (one out of two) in about 100 words.	4 marks
Part - D		(11 marks)
5	a) Letter writing (personal) (one out of two)	6 marks
	b) Essay writing (Simple/Descriptive/Narrative) (one out of three)	5 marks

MARKING SCHEME FOR COMPREHENSION

S.No.	Questions	M.M. 8
1.	Name of the writer and the chapter	2 marks
2.	Short question	1 mark
3.	Short question	1 mark
4.	Short question	1 mark
5.	Match the following words with their meanings	2 marks
6.	Fill in the blanks with a suitable word from the passage	1 mark

INSTRUCTIONS FOR OBJECTIVE TYPE QUESTION

Objective type question will cover the whole syllabus.

Q1.a) Do as directed:

- Change the Tense (2)
 - Change the Voice (2)
 - Change the Narration (1)
 - Common Errors
- Or
- Simple Idioms (1)
- b) One line answer questions from 'I AM THE PEOPLE'. (2)
- c) One line answer questions from 'STORIES, PLAYS AND TALES OF ADVENTURE' (2)

SYLLABUS

Book-1: I AM THE PEOPLE

1. The Portrait of a Lady
2. The Kite Maker
3. My Struggle for an Education
4. A Dialogue on Civilization
5. Paul Julius Reuter
6. The Appointed Day
7. No Time For Fear
8. Father Has a Bad Night
9. To Sir, with Love
10. Taming the Atom
11. Hunting Big Game with the Camera

Poems

1. I am the People-the Mob
2. Success is Counted Sweetest
3. Upagupta
4. The Little Black Boy
5. The Eagle
6. Snake
7. Confessions of a Born Spectator

Book-II: Stories, Plays and Tales of Adventure

1. Sparrows
2. The Last Leaf
3. My Brother, My Brother
4. The Other Side
5. My Lost Dollar
6. The Pomegranate Trees

7. The Model Millionaire
8. The Count's Revenge
9. My Ordeal in a Jungle Air Crash
10. Escape Velocity
11. "Don't Die, Graham! Don't Die!" Please

I) GRAMMAR

- (a) Tenses
- (b) Voice (simple)
- (c) Reported Speech (simple)
- (d) Simple idioms
- (e) Common errors

II) COMPOSITION

- (a) Paragraph writing
- (b) Letter writing (Personal)
- (c) Essay writing (Simple/Descriptive/Narrative)

ਸ਼੍ਰੇਣੀ-ਗਿਆਰ੍ਹਵੀਂ
2. ਪੰਜਾਬੀ (ਲਾਜ਼ਮੀ)

ਸਮਾਂ : 3 ਘੰਟੇ

ਲਿਖਤੀ ਪੇਪਰ: 50 ਅੰਕ
ਆਂਤਰਿਕ ਮੁਲਾਂਕਣ: 25 ਅੰਕ
ਕੁੱਲ : 75 ਅੰਕ

ਅੰਕ ਵੰਡ ਅਤੇ ਪਾਠ-ਕ੍ਰਮ

ਲੜੀ ਨੰ:	ਪਾਠ-ਕ੍ਰਮ	ਅੰਕ
1.	ਪੰਜਾਬੀ ਲੋਕ ਸਾਹਿਤ:- ਲੋਕ-ਗੀਤ ਅਤੇ ਲੋਕ-ਕਥਾਵਾਂ	14
2.	ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿੱਚ ਅਨੁਵਾਦ (ਤਕਨੀਕੀ ਸ਼ਬਦਾਵਲੀ:-ਬੈਂਕ, ਰੇਲਵੇ, ਡਾਕ ਅਤੇ ਬੀਮਾ ਸੇਵਾਵਾਂ ਨਾਲ ਸੰਬੰਧਿਤ ਵਾਕਾਂ ਵਿੱਚ ਵਰਤੋਂ)	10
3.	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਲਿਖਣ ਦਾ ਹੁਨਰ:- ਅਖ਼ਬਾਰ ਦੇ ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ	20
4.	ਵਿਆਕਰਨ:-ਮੁਹਾਵਰੇ	6
ਕੁੱਲ ਅੰਕ		50

ਪਾਠ-ਕ੍ਰਮ ਦਾ ਵੇਰਵਾ

1. ਪੰਜਾਬੀ ਲੋਕ-ਸਾਹਿਤ

(i) ਲੋਕ-ਗੀਤ :- ਸੁਹਾਗ, ਘੋੜੀ, ਸਿੱਠਣੀ, ਟੱਪਾ, ਬੋਲੀ, ਢੋਲਾ, ਮਾਹੀਆ।

(ii) ਲੋਕ ਕਥਾਵਾਂ :- 1. **ਮਿੱਥ ਕਥਾਵਾਂ:**

ਪ੍ਰਹਿਲਾਦ ਭਗਤ, ਨਲ ਦਮਿਅੰਤੀ

2. **ਪਰੀ ਕਥਾਵਾਂ ਤੇ ਨੀਤੀ ਕਥਾਵਾਂ:**

ਨੀਲ ਕਮਲ, ਸਬਜ਼ ਪਰੀ, ਲਾਲਸਾ ਦੀ ਚੱਕੀ

3. **ਦੰਤ ਕਥਾਵਾਂ:**

ਪੂਰਨ ਭਗਤ, ਰਾਜਾ ਰਸਾਲੂ, ਦੁੱਲਾ ਭੱਟੀ

4. **ਪ੍ਰੀਤ ਕਥਾਵਾਂ:**

ਹੀਰ ਰਾਂਝਾ, ਮਿਰਜ਼ਾ ਸਾਹਿਬਾਂ

2. ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿੱਚ ਅਨੁਵਾਦ

(i) ਤਕਨੀਕੀ ਸ਼ਬਦਾਵਲੀ : ਦਫ਼ਤਰੀ ਸ਼ਬਦਾਵਲੀ, ਵੱਖ-ਵੱਖ ਵਿਸ਼ਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਸ਼ਬਦਾਵਲੀ।

(ii) ਬੈਂਕ ਰੇਲਵੇ, ਡਾਕ ਤੇ ਬੀਮਾ ਸੇਵਾਵਾਂ ਨਾਲ ਸੰਬੰਧਿਤ ਵਾਕ।

3. ਅਖ਼ਬਾਰ ਦੇ ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ (ਕਿਸੇ ਮਸਲੇ/ਘਟਨਾ ਬਾਰੇ)

4. ਇਸ਼ਤਿਹਾਰ/ਸੱਦਾ ਪੱਤਰ:

[ਖ਼ੁਸ਼ੀ, ਗ਼ਮੀ ਜਾਂ ਕਿਸੇ ਹੋਰ ਸਮਾਗਮ ਦਾ ਸੱਦਾ-ਪੱਤਰ, ਅਖ਼ਬਾਰਾਂ ਨੂੰ ਦੇਣ ਲਈ ਨਿੱਜੀ ਇਸ਼ਤਿਹਾਰ (ਪ੍ਰਾਈਵੇਟ ਅਤੇ ਸਰਕਾਰੀ ਸੰਸਥਾਵਾਂ ਦੇ ਇਸ਼ਤਿਹਾਰ ਨਹੀਂ ਹੋਣਗੇ)]

5. ਪੈਰਾ ਰਚਨਾ : (ਲਗ-ਪਗ 15● ਸ਼ਬਦਾਂ ਦੀ)

6. ਮੁਹਾਵਰੇ (ਲਗ-ਪਗ 10● ਮੁਹਾਵਰੇ)

ਨਿਰਧਾਰਿਤ ਪਾਠ-ਪੁਸਤਕ : ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ-11 ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਬੋਰਡ।

ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੀ ਰੂਪ ਰੇਖਾ

ਪਰੀਖਿਆ ਪੱਖੋਂ ਅਧਿਆਪਕਾਂ, ਵਿਦਿਆਰਥੀਆਂ, ਪੇਪਰ ਸੈਂਟਰਾਂ ਅਤੇ ਪਰੀਖਿਅਕਾਂ ਲਈ ਵਿਸ਼ੇਸ਼ ਹਿਦਾਇਤਾਂ

ਪ੍ਰਸ਼ਨ ਨੰ: 1 ਸਮੁੱਚੇ ਪਾਠ-ਕ੍ਰਮ ਦੇ ਆਧਾਰ ਤੇ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ ਦੱਸ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦਾ $1/2$ ਅੰਕ ਹੋਵੇਗਾ।
ਅੰਕਾਂ ਦੀ ਵੰਡ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਹੋਵੇਗੀ :-

(ੳ) ਪੰਜਾਬੀ ਲੋਕ-ਸਾਹਿਤ : 1 ਅੰਕ (ਬਹੁ-ਚੋਣ, ਠੀਕ/ਗਲਤ, ਖਾਲੀ ਥਾਂਵਾਂ ਜਾਂ ਇੱਕ ਦੋ ਸ਼ਬਦਾਂ ਦੇ ਉੱਤਰ ਵਾਲੇ ਪ੍ਰਸ਼ਨ)

(ਅ) ਲੋਕ-ਗੀਤ : 1 ਅੰਕ ਦੇ ਦੋ ਪ੍ਰਸ਼ਨ - ਇੱਕ ਪ੍ਰਸ਼ਨ ਨਿਰਧਾਰਿਤ ਪਾਠ-ਸਮਗਰੀ ਵਿੱਚ ਦਿੱਤੀਆਂ ਪਰਿਭਾਸ਼ਾਵਾਂ ਅਤੇ ਇੱਕ ਪ੍ਰਸ਼ਨ ਨਿਰਧਾਰਿਤ ਪਾਠ-ਸਮਗਰੀ ਦੇ ਆਧਾਰ ਤੇ ਪੁੱਛਿਆ ਜਾਵੇਗਾ।

(ੲ) ਲੋਕ ਕਥਾਵਾਂ : 1 ਅੰਕ ਦੇ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਇੱਕ ਪ੍ਰਸ਼ਨ ਭਿੰਨ-ਭਿੰਨ ਲੋਕ-ਕਥਾਵਾਂ ਦੀ ਪਰਿਭਾਸ਼ਾ ਸੰਬੰਧੀ ਅਤੇ ਇੱਕ ਪ੍ਰਸ਼ਨ ਪਾਤਰਾਂ ਸੰਬੰਧੀ ਪੁੱਛਿਆ ਜਾਵੇਗਾ।

(ਸ) ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਅਨੁਵਾਦ : 1 ਅੰਕ(ਸਿੱਧਾ ਅਰਥ ਪੁੱਛਣਾ, ਬਹੁ-ਚੋਣ, ਮਿਲਾਨ ਕਰਨਾ) ਤਕਨੀਕੀ ਸ਼ਬਦਾਵਲੀ ਤੇ ਆਧਾਰਿਤ 2 ਪ੍ਰਸ਼ਨ ਇਸ ਅਧੀਨ ਪੁੱਛੇ ਜਾਣਗੇ ਅਤੇ ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦਾ $1/2$ ਅੰਕ ਹੋਵੇਗਾ।

(ਹ) ਮੁਹਾਵਰੇ:-1 ਅੰਕ ($1/2$ ਅੰਕ ਵਰਤੋਂ ਸਥਿਤੀ ਦੱਸ ਕੇ ਢੁਕਵਾਂ ਮੁਹਾਵਰਾ ਪੁੱਛਣਾ, $1/2$ ਅੰਕ ਮੁਹਾਵਰੇ ਦੇ ਅਰਥ ਨਾਲ ਸੰਬੰਧਿਤ ਬਹੁ-ਚੋਣੀ ਪ੍ਰਸ਼ਨ) $10 \times 1/2 = 5$ ਅੰਕ

ਪ੍ਰਸ਼ਨ ਨੰ: 2 ਪੰਜਾਬੀ ਪਾਠ-ਪੁਸਤਕ ਵਿੱਚ ਲੋਕ-ਗੀਤਾਂ ਬਾਰੇ ਦਿੱਤੇ ਪਾਠ-ਅਭਿਆਸਾਂ ਦੇ ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚੋਂ ਕੋਈ 4 ਪ੍ਰਸ਼ਨ ਦੇ ਕੇ ਦੋ ਦਾ ਉੱਤਰ ਲਿਖਣ ਲਈ ਕਿਹਾ ਜਾਵੇਗਾ। $3+3=6$ ਅੰਕ

ਪ੍ਰਸ਼ਨ ਨੰ: 3 ਪਾਠ-ਪੁਸਤਕ ਵਿੱਚ ਦਿੱਤੀਆਂ ਵੱਖ-ਵੱਖ ਵੰਨਗੀਆਂ ਦੀਆਂ ਲੋਕ-ਕਥਾਵਾਂ ਵਿੱਚੋਂ ਦੋ ਦੇ ਨਾਂ ਦੇ ਕੇ ਕਿਸੇ ਇੱਕ ਕਥਾ ਦਾ ਸਾਰ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖਣ ਲਈ ਕਿਹਾ ਜਾਵੇਗਾ। 3 ਅੰਕ

ਪ੍ਰਸ਼ਨ ਨੰ: 4 (ੳ) ਪਾਠ-ਪੁਸਤਕ ਵਿੱਚ ਦਿੱਤੀ ਗਈ ਤਕਨੀਕੀ ਸ਼ਬਦਾਵਲੀ ਵਿੱਚੋਂ ਦਸ ਸ਼ਬਦ ਦੇ ਕੇ ਕਿਸੇ ਛੇ ਦੇ ਅਰਥ ਲਿਖਣ ਲਈ ਕਿਹਾ ਜਾਵੇਗਾ। $6 \times 1/2 = 3$ ਅੰਕ

(ਅ) ਪਾਠ-ਪੁਸਤਕ ਵਿੱਚ ਦਿੱਤੇ ਗਏ ਬੈਂਕ, ਰੇਲਵੇ, ਡਾਕ ਅਤੇ ਬੀਮਾ-ਸੇਵਾਵਾਂ ਨਾਲ ਸੰਬੰਧਿਤ ਅੱਠ ਵਾਕ ਦੇ ਕੇ ਕੋਈ ਪੰਜ ਵਾਕਾਂ ਦਾ ਪੰਜਾਬੀ ਅਨੁਵਾਦ ਲਿਖਣ ਲਈ ਕਿਹਾ ਜਾਵੇਗਾ। $5 \times 1 = 5$ ਅੰਕ

ਪ੍ਰਸ਼ਨ ਨੰ: 5 ਕਿਸੇ ਮਸਲੇ/ਘਟਨਾ ਬਾਰੇ ਕਿਸੇ ਅਖ਼ਬਾਰ ਦੇ ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ ਲਿਖਣ ਲਈ ਦੋ ਵਿਸ਼ੇ ਦੇ ਕੇ ਕਿਸੇ ਇੱਕ ਬਾਰੇ ਲਿਖਣ ਲਈ ਕਿਹਾ ਜਾਵੇਗਾ। $11/2 + 4 + 11/2 = 7$ ਅੰਕ

ਪ੍ਰਸ਼ਨ ਨੰ: 6 ਪੰਜਾਬੀ ਪਾਠ-ਪੁਸਤਕ ਵਿੱਚ ਦਿੱਤੀਆਂ ਵੰਨਗੀਆਂ ਅਨੁਸਾਰ ਇੱਕ ਇਸ਼ਤਿਹਾਰ ਜਾਂ ਸੱਦਾ ਪੱਤਰ ਲਿਖਣ ਲਈ ਕਿਹਾ ਜਾਵੇਗਾ। 8 ਅੰਕ

ਪ੍ਰਸ਼ਨ ਨੰ: 7 ਕੋਈ ਤਿੰਨ ਵਿਸ਼ੇ ਦੇ ਕੇ ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ ਬਾਰੇ ਲਗ-ਪਗ 15● ਸ਼ਬਦਾਂ ਦੀ ਪੈਰਾ-ਰਚਨਾ ਕਰਨ ਲਈ ਕਿਹਾ ਜਾਵੇਗਾ। 8 ਅੰਕ

ਪ੍ਰਸ਼ਨ ਨੰ: 8 ਪੰਜਾਬੀ ਪਾਠ- ਪੁਸਤਕ ਵਿੱਚੋਂ ਕੋਈ ਅੱਠ ਮੁਹਾਵਰੇ ਦੇ ਕੇ ਕਿਸੇ ਪੰਜ ਨੂੰ ਵਾਕਾਂ ਵਿੱਚ ਵਰਤਣ ਲਈ ਕਿਹਾ ਜਾਵੇਗਾ। $5 \times 1 = 5$ ਅੰਕ

4. ENVIRONMENT EDUCATION

ENVIRONMENTAL EDUCATION Annual Examination 2012-13 CLASS – XI

Time: 2 Hrs

Theory Marks : 35

CCE : 15

Total Marks : 50

Theory Structure of Question paper

1. There will be one theory paper comprising of 16 questions. All questions will be compulsory.
2. Question No. 1-5 are very short answer type questions carrying 1 mark each. Answer to each question will be in one line or few words only.
3. Question No. 6-10 are short answer type questions carrying 2 marks each. Answer to each question will be in 20-30 words.
4. Question No. 11-15 are short answer type questions carrying 3 marks each. Answer to each question will be in 40-50 words.
5. Question No. 16 is long answer type question carrying 5 marks. Answer to this question will be in 80-100 words.
6. In Question No 16, there will be 100% internal choice.
7. There will be no objective type question like yes/No, tick/cross, fill in the blanks, multiple choice, true/false etc.
8. The Question paper should be strictly from the prescribed syllabus based on above mentioned guidelines.

unit wise distribution of marks.

Unit	Marks
Unit I Man and Environment	7- Marks
Unit II Environment and Development	7- Marks
Unit III Environment Pollution of Global issues	8- Marks
Unit VI Energy	8- Marks
Unit V Safe work Environment and Occupational Hazards	5- Marks

Unit -1 Man and Environment

1. Environment

- Dimensions of Environment-physical, biological and social .
- Human being as rational and social partner in environmental actions.
- Society and environment in India: Indian traditions, customs and culture in past and present.

2. Population and environment

- Demography, causes of increase in population and its ill effects on environment, urbanization.

3. Impact of human activities on environment

- Environmental problems of urban and rural areas.
- Natural resources and their depletion
- Stress on civic amenities, supply of water and electricity, waste disposal, transport, health services.
- Vehicular emissions.
- Urbanisation-land use, housing, migrating and floating population.

Unit-II Environment and Development

4. Economic and Social Development

- Economic and social needs as basic considerations for development .
- Agriculture and industry as major sector of development .
- Social factors affecting development-poverty, affluence, education, employment, child marriage and child labour, human health-HIV/AIDS ,social culture and ethical values.

5. Impact of Liberalization and Globalization

- Impact of liberalization and globalization- agriculture and industries, dislocation of manpower and unemployment implications for social harmony.

6. Role of Society in Development and environment

- Role of society in development and environment-public awareness through education, eco-clubs, population education programmes and campaigns, public participation in decision-making.

Unit-III Environmental Pollution and Global Issues

7. Environmental Pollution

- Air water (fresh and marine), soil pollution-sources and consequences.
- Noise and radiation pollution-sources and consequences.
- Solid, liquid and gaseous pollution

8. Pollution and Diseases

- Handling of hazardous material, process and management of hazardous wastes.

- Pollution related diseases.
- Strategies for reducing pollution and improving the environment.

9. Global Issues and Improvement of Environment

- Ozone Layer depletion and its effects.
- Greenhouse effect, global warming, climate changes and their effects on human society, agriculture, plants and animals.

10. Disaster

- Disaster-natural (earthquakes, droughts, floods, cyclones, landslides) and man made (technological and industrial), their impact on the environment, prevention, control and mitigation.

Unit –IV Energy

11. Energy Consumption

- Changing global pattern of energy consumption-from ancient to modern times.
- Energy consumption as a measure of quality of life.
- Rising demand for energy gap between demand and supply (Indian context).

12. Conventional Sources of Energy.

- Conventional energy sources-fossil fuels and firewood, potential (Indian context) and limitations of each source, methods of harnessing energy and environment consequences of their use.

13. Non-Conventional Source of Energy

- Non-conventional energy sources-type of non-conventional sources (bio-mass, solar, wind, ocean, hydel, geothermal, nuclear), potential (Indian context) and limitations of each source, methods of harnessing and their environmental consequences, need to promote non-conventional energy sources.

14. Conservation of Energy

- Conservation of energy sources-efficiency in production, transportation and utilization of energy.
- Future sources of energy-hydrogen, alcohol, fuel cells.

Unit-V Safe Work Environment and Occupational Hazards

15. Safe Work Environment

- Safe work environment-adequate light, ventilation, cleanliness, good house keeping

16. Safety Laws, Accidents and First-Aid

- Safety awareness management-safety precautions-home and work (laboratory, workshop, work site), safe handling of equipment and material.
- Occupational hazards-physical, chemical, mechanical, electrical, biological, radiational and psychological.
- Accidents and major hazards in industries and occupations-fire, explosion, toxic release.
- First aid measures.
- Laws and regulations related to occupational health and safety.

CCE

Instructions for CEE (15 marks)

Teachers teaching the subject of Environment Education to students, will evaluate them throughout the year for the work done by the student in and around the school campus regarding environment cleanliness, planting trees, developing herbal gardens, growing ornamental plants, medicinal plants and participating in environment activities which are celebrated in the school. Student will also keep the record in a project file for two different projects carried by him/her. Each project will carry $7\frac{1}{2}$ marks. So over all evaluation of the student will be based on his/ her performance and contribution to environment.

Class-XI
5. Computer Science

Time: 3 Hrs

Theory : 30 Marks
Practical : 40 Marks
CCE : 30 Marks
Total : 100 marks

Structure of Question Paper (Theory Paper)

1. There will be three sections i.e. A,B,C of the question paper
2. In section A, Question No.1 to 8 are objective type questions, each question will carry 1 mark. Answer of each question should be in one word or about one line.
3. In section B, Question No. 9 to 13 will carry 2 marks each.
4. In section C, Question No. 14 to 16 will carry 4 marks each.
5. All questions of Section A and B will be compulsory. Each question in Section B & C may have two or more than two parts. In Section C, there will be 100% internal choice.

Sr. No.	Chapter	Total Marks	1 Marks questions	2 Marks questions	4 Marks questions.
1	Programming in 'C' Language	5	1	-	1
2	Constant, Variables & Data Types	3	1	1	-
3	Operators & expression	5	1	-	1
4	Control Flow (Part-I)	3	1	1	-
5	Control Flow (Part-II)	3	1	1	-
6	Arrays (Part-I)	3	1	1	-
7	Arrays (Part-II)	3	1	1	-
8	Desktop Publishing	5	1	-	1
		30	8	5	3

SYLLABUS
(Theory Paper)

Time: 3 Hrs

Theory : 30 Marks
Practical : 40 Marks
CCE : 30 Marks
Total : 100 marks

Revision of Class X

- Review on software concepts
- System Software: Operating system, utilities software, Application software
- Review on Excel: (Data Types, Formula & Functions) Excel & Financial Data, Count if function, IF, AND, OR & NOT function (logical), V LOOK up function, V LOOK up formula.
- Review on HTML: web pages, words to know (Tag, Element, Attribute) What is HTML file, Tables & the Border attributes.

- Review of Microsoft Access: Manipulating Data, Access, Database of Objects (Table, Queries, Forms, Reports, Pages, Data Base Window)
- Review on Programming Concepts: The Various stages of a program development Cycle (Analyzing the problem, Development of Solution, coding the solution, Testing the program), Elements of Programming Language.

1. Programming in 'C' Language

- Introduction
- Distinctive Features of C language
- The Character Set: Execution of Escape Characters, White space Characters.
- Structure of a C Program: Header Files, Preprocessor statement, directives, Global Declaration (main(), Braces, Declaration, Statements), Compiling and execution of C program.
- Use of Editor
- Function : Built in Function, user defined Function.
- Formatted I/O function [scanf() & printf() function]
- starting with C programming : Installing Turbo C, Compiling the program and executing the program

2. Constant, Variables & DataTypes

- Introduction
- Constants / Literals: The types of Constants (Numeric Constant, Character Constants, String Constants)
- Types of C variables: Delimiters, Declaration / Initialization of variables (data types, varlist, semicolon, assigning values to the variables), storing constant in a variable.
- Data Types: Built in data types (integer (int), Character data type (Char), Double, The void data type, The main function Header)
- Tokens (Identifiers, keywords, constants, operators): Keywords and identifiers, Type Modifier or Qualifier, unsigned int, Double long.

3. Operators and Expression

- Introduction
- Operators and Expressions: Expression, Binary, Operator, Arithmetic Operators, Operations & Hierarchal order.
- Relational & Logical Operator: Relational Operator, Logical Operators (Logical AND (&&) operator, Logical OR (::), Logical NOT (!)), Assignment Operator, Increment & Decrement operators, Ternary Operator, Size of () Operator, Bitwise Operator.

4. Control Flow (Part-I)

- Introduction: Branching, Looping, Jumping
- Decision making statements: If statement, if else statement
- Switch Statement
- The Break statement
- Continue statement

5. Control Flow (Part-II)

- Introduction
- Control loop structures: The while statement, Do while statement, For statement (Loop)

6. Arrays (Part-I)

- Introduction
- Declaring and initialization of array: Initializing arrays
- Some special rule: Entering data into an Array
- Copying Array

- Accessing the value of an array.
- manipulation of array elements: sum of elements

7. Arrays (Part-II)

- Introduction
- Two dimensional array: Declaration of Two dimensional arrays, Let us see representation of 2 dimensional array, initialization of 2 dimensional array, initialization of the two dimensional array elements.
- Memory occupation in two dimensional array elements
- Multidimensional Arrays character type: Accessing elements of multi dimensional arrays, initialization of char type multi dimensional arrays, tow dimensional array of char word processing
- Single Character input output
- # Define directive

8. Desktop Publishing

- Introduction to DTP
- Printing Documents
- Printing Methods: Offset Printing (Lithography), Laser printing
- Fonts
- Scaling, Tracking and Leading
- Frames
- Page Layouts
- WYSIWYG (what you see is what you get)
- Advantages of DTP over word processor
- Document Planning : Page layout, Style, Margin, Header and Footer, Font

Computer Science (Practical Paper)

INSTRUCTIONS

Time: 3 Hrs

40 Marks

The Division of marks for examination is given below:

Section -A	VIVA	5
Section -B	Program Record File	5
Section -C	Minor Program	10
Section -D	Major Program	20

1. There will be five questions asked from section A .Each question will carry one mark. These questions are objective types or explanation or different parts of computer and small exercises related to it. 1X5=5 Marks
2. The record of student will check from the section B. 5 Marks
3. Three questions will be set in section C in which student has to attempt two program/questions. Each program/question carrying 5 marks, for each question/program the internal division of marks will be done by paper setter. 2X5=10 Marks

Class-XI
8. History

Time : 3 hrs.

Theory: 70 Marks
CCE: 30 Marks
Total : 100 Marks

STRUCTURE OF QUESTION PAPER

1. The question paper will be cover whole of the prescribed syllabus.
 2. All questions will be compulsory.
 3. The question paper will comprise of 23 questions in total.
 4. The question paper will have 5 sections A, B, C, D & E.
 5. The question paper will carry
 - a) Objective type questions
 - b) Very short answer type questions
 - c) Short answer type questions
 - d) Essay type questions
 - e) Map
- i) Objective Type Questions:** This type may include questions with one word to one sentence answer/ fill in the blank/ true or false/ multiple choice type questions.
- ii) Very Short Type Question:** This type will include questions with 20 to 25 words answer.
- iii) Short Answer Type Question:** This type will include question with 35 to 40 words answer.
- iv) Essay Type Question:** This type will include question with 250-300 words answer. There will be 100% internal choice in these questions.
- v) Map Questions:** There will be a choice for student to select one topic for the Map which he/she has to explain and also to fill the relevant events in the Map attached along with answer sheet. If Map is not attached it can be asked for to the exam Supervisor/Superintendent of the exam centre.

Unit wise marks distribution

S. No.	Syllabus	Chapter	Section A 1 Mark question	Section B 3 Mark question	Section C 5 Marks question	Section D 10 Marks question	Section E (Map) 4 + 7 =11 marks	Total
1	Part A & B objective type question	1 to 21 (5 Q. from A 6 Q. from B)	1 mark question from every two chapter (11×1=11)					
2	Part A & B very short answer type question	(1, 2, 3) = 1 (4, 5, 6) = 1 (7, 8, 9,10) = 1 (11, 12, 13, 14) = 1 (15, 16, 17, 18) = 1 (19,20,21) = 1 (3 q. from each part i.e. A &B)		1 1 1 1 1 1 6×3=18				
3	Part A & B short answer type question	(1-5) = 1 (6-10) = 1 (11-16) = 1 (17-21) = 1 (two questions from each part)			1 1 1 1 4×5=20			
4	Part A & B essay type (to attempt one question)	Part A-1 Part B-1 (with 100% internal choice)				1 1×1●=10		
5	Part C (Choice from these situations)	From chapter - Sites of Indus Valley Civilization - Extent of Ashoka's empire - Extent of Samundragupt a's empire - Important Historical places - India in 1526 - Extent of Akbar's empire - Extent of Ranjit Singh's empire - Important historical places					1 4 marks of explanation 7 marks of Mapping (4+7=11)	
Total Marks			11	18	20	10	11	70

PART-A

- (i) Sites of Indus Valley Civilization;
- (ii) Extent of Ashoka's empire;
- (iii) Extent of Samundragupta's empire;
- (iv) Important Historical places;

PART-B

- (i) India in 1526;
- (ii) Extent of Akbar's empire;
- (iii) Extent of Ranjit Singh's empire;
- (iv) Important historical places;

- 2. The question paper will be strictly according to the syllabus.
- 3. The language of questions should be straight and simple.
- 4. For blind students: For blind students the internal choice in Question No. 12 and 24 will be an explanatory question in lieu of map questions. Each carry 10 marks.

SYLLABUS

SECTION-A

- I. Indus Valley Civilisation: a synoptic view of research material, culture, socio-cultural life; decline and disappearance.
- II. The Indo-Aryans: Early settlements; political organisations; Economic life; Social Institutions; religious beliefs and practices; legacy.
- III. Buddhism and Jainism: the socio-political environment, major doctrines; socio-political impact; Legacy.
- IV. The Mauryas: The background to their rise into power; establishment and consolidation of their empire: Ashoka's Dhamm; social and cultural life during their rule.
- V. The age of the Guptas: establishment and consolidation of the Gupta empire, major socio-cultural achievement of the age; Legacy.
- VI. The Vardhanas and their times: Political supremacy in the North; Kingdoms of the South; cultural achievements of the age; Legacy.
- VII. The Rajputs: establishment their kingdom; Political conflict and change; socio-political structure; survival.
- VIII. The Sultanate of Delhi: establishment of Turkish Rule, Dynastic changes and the fortunes of the Sultanate, administration; the ruling classes; art, and architecture, Socio-religious life.

- IX. Kingdoms of the South: The Bahmani empire and its successor states; the Vijayanagar empire; administration, the ruling classes: art architecture; socio-religious life.
- X. Socio-religious movements; Vashnava Bhakti; the Saints.
- XI. Guru Nanak Dev Ji and Foundation of Sikhism: Socio-religious environment; Development of Sikhism (1539-1605); Transformation of Sikhism (1605-1966); Discovery of a new panth, foundation of a new panth, Legacy.

SECTION-B

- XII. Establishment of the Mughal empire: Mughal Afghan contest; consolidation of the Mughal
- XIII. Mughal Policy and Administration: Conception of Kingship: attitude towards the subjects people; central and provincial administration; administration of justice and local administration; the mansabdari system.
- XIV. Rise of new powers in the South: with special reference to the Marathas.
- XV. Rise of new powers in the North: with special reference to the Sikhs.
- XVI. Maharaja Ranjit Singh: Conquests and consolidation; the new ruling classes; administration; attitude towards the subject people; relationship with sovereign powers; the Legacy.
- XVII. Advent of the Europeans and their struggle for supremacy: the Portuguese; the Dutch: The French: Anglo French rivalry; emergence of East India Company as a political power in India.
- XVIII. Expansion and Consolidation of the British empire; expansion through war and diplomacy; Imperial framework: administration and bureaucracy.
- XIX. Social and Economic changes under British rule: means of communication and transportation; raw materials for exports: industrial development; the India elite; the middle classes; the working class.
- XX. Political Consciousness and struggle for Representative Government in India: the revolt of 1857 and its legacy; the Indian National Congress; the Home Rule Movement; Constitutional Reforms; Jallianwala Bagh massacre and its impact demand for independence.
- XXI. Towards Freedom: the Quit India Movement and its aftermath; transfer of power.

SECTION-C

- (i) Sites of Indus Valley Civilization;
- (ii) Extent of Ashoka's empire;

- (iii) Extent of Samundragupta's empire;
- (iv) Important Historical places;
- (v) India in 1526;
- (vi) Extent of Akbar's empire;
- (vii) Extent of Ranjit Singh's empire;
- (viii) Important historical places;

Class-XI
9. ECONOMICS
(Humanities Group)

Time : 3 Hours

Theory: 70 Marks
CCE: 30 Marks
Total: 100 Marks

STRUCTURE OF QUESTION PAPER

1. The Question Paper will cover whole of the prescribed syllabus.
2. All Questions will be compulsory.
3. The questions paper will comprise of 15 questions in total.
4. The question paper will have 3 Sections A, B & C.

SECTION A

This section will consist of Q. No. 1 which will be objective type consisting of 12 sub parts (i.e. 5 questions from Part A and 7 questions from Part B of syllabus). Each sub part carry 1 mark. Objective type questions may include questions with one word to one sentence answer/fill in the blank/true or false/multiple choice type questions.

SECTION B

This section will consist of 10 short answer type questions (i.e. 4 questions from Part A and 6 questions from Part B of syllabus) carrying 3 marks each. Answer of each question should be given in 50-60 words. Out of 4 questions in Part-A, 1 question will be numerical.

SECTION C

This section will consist of 4 long answer type questions (i.e. 2 questions from Part A and 2 questions from Part B of syllabus) with internal choice carrying 7 marks each. Answer of each question should be given in 200-250 words. Out of 2 questions from Part-A one question will be numerical.

Detail of questions set from each unit

Syllabus	Units	Sec A 1 Mark Questions	Sec B 3 Marks Questions	Sec C 7 Marks Questions	Total Marks
PART - A Statistics for Economics	1	1	1	2 Qs. from different Units (1 theoretical 1 numerical)	33
	2	2	1		
	3	2	1 1 Q. from Unit-2 and 3		
PART – B Indian Economic Development	5	1	1	2 Qs. from any 2 Units (1 Q. each Unit) with 2 Qs. From other 2 Units (1 Q. each Unit) as internal choice	37
	6	2	1		
	7	2	2		
	8	2	1 1 Q. from Unit-5,6 & 8		
Total	9	12	10	4	70

**SYLLABUS
PART-A
STATISTICS FOR ECONOMICS**

UNIT-1. INTRODUCTION

Statistics : Meaning, Scope and Importance of Statistics in Economics.

UNIT-2. COLLECTION AND ORGANIZATION OF DATA

a) Collection of Data:

Sources of Data-Primary and Secondary; Methods of Collecting Data; Important Sources of Secondary Data, Census of India and National Sample Survey Organization.

b) Organization of Data:

Presentation of Data and Diagrammatic Presentation of Data.

i. Geometric Forms (Bar-Diagrams, Pie-Diagrams)

- ii. Frequency Diagrams (Histogram, Polygon and Ogive) and
- iii. Arithmetic Line-Graphs (Time Series Graphs)

Unit-3. STATISTICAL TOOLS AND INTERPRETATION

a) Measures of Central Tendency

Mean (simple and weighted), Median and Mode.

b) Measures of Dispersion

Absolute Dispersion (Range, Quartile Deviation, Mean Deviation & Standard Deviation); Relative Dispersion (Coefficient of Quartile-Deviation, Coefficient of Mean Deviation, Coefficient of Variation). Lorenz Curve: Meaning and its Application.

c) Correlation:- Meaning, Scatter Diagram, Measures of Correlation-Karl Pearson's Method (two variables ungrouped data), Spearman's Rank Correlation.

d) Introduction to Index Numbers:- Meaning, Types, Wholesale Price Index, Consumer Price Index and Index of Industrial Production, Uses of Index Numbers; Inflation and Index Numbers.

Unit-4. DEVELOPMENT PROJECTS IN ECONOMICS

The students should be encouraged to develop projects which have primary data, secondary data or both. Case studies of a few organizations may also be encouraged. Some of the examples of the projects are as follows (they are not mandatory but more suggestive).

- i) A report on demographic structure of your neighbourhood/Institution.
- ii) Consumer awareness amongst households.
- iii) Changing prices of a few vegetables in your market.
- iv) Study of a co-operative institution: Milk Co-operatives.

NOTE:- (The idea behind introducing this unit is to enable the students the ways and means by which project can be developed using the skills learned in the course. This includes all the steps involved in designing a project starting from choosing a title, exploring the information relating to the title. Collection of Primary and Secondary Data, Analysing the Data, Presentation of the project and using various statistical tools and their interpretation and conclusion.)

PART-B

INDIAN ECONOMIC DEVELOPMENT (Including Punjab Economy)

Unit-5. DEVELOPMENT POLICIES AND EXPERIENCE (1947-90)

- i) A brief introduction of the state of Indian Economy on the eve of Independence.
- ii) Common Goals of Five Year Plans.
- iii) Agriculture: Main Features, Problems and Policies; Institutional Aspects and New Agriculture Strategy (Industrial Licensing etc.) and Foreign Trade.

Unit-6. ECONOMIC REFORMS SINCE 1991

Liberalization, Globalization, Privatization and WTO: Their Need And Main Features

Unit-7. CURRENT CHALLENGES FACING INDIAN ECONOMY

- i) Poverty-Absolute and Relative; Main Programmes for Poverty Alleviation: A critical assessment.
- ii) Rural Development:
 - a) Rural Finance and Credit Facility, The Problem of Indebtedness.
 - b) Different Sources of Rural Finance, The Role of Co-operative Credit Societies, Agricultural Land Development Banks, Co-operative Banks, NABARD, RBI and other Govt. Agencies for the Provision of Finance to the Rural People.
 - c) Rural Marketing Facilities:
Problem of Storage and Marketing of Agricultural Produce in the Rural Areas; Role of Regulated and Unregulated Markets; Procurement and Pricing Policies of Agricultural Produce.
- iii) Status of Education, Health and Employment in India.
- iv) Environment: Sustainable Economic Development, Limited Availability of Resources, Environmental Degradation.

Unit-8. PUNJAB ECONOMY

- i) Manpower and Physical Resources of Punjab.
- ii) Agricultural Development of Punjab since 1966.
- iii) Industrial Development of Punjab since 1966
Structure, Location and Industrial Policy of State Govt.
- iv) Growth and Pattern of Revenue and Expenditure and Financial Position of Punjab Govt.
- v) Economic Planning in Punjab: Aims, Objectives, Strategy and Performance of Planning in Punjab.

Class-XI
10. MATHEMATICS

Time: 3:00 hrs

Theory: 70 Marks

CCE: 30 Marks

Total: 100 Marks

1. All Questions are Compulsory.
2. Q 1 will consist of eight parts and each part will carry one Mark.
3. Q 2 to Q 15 each will be of 3 Marks.
4. Q 16 to Q 19 i.e. three questions each will be of 5 marks.
5. There will be no overall choice. There will be an internal choice in any four questions of 3 marks each and two questions of 5 marks each
6. Use of Calculator is not allowed.

Sr. No	Topic	Q. Carrying 1-Marks	Q. Carrying 3-Marks	Q. Carrying 5-Marks	Total Marks
1	Sets	-	1	-	3
2	Relations & Functions	1	1	-	4
3	Trigonometric Functions	1	2	-	7
4	Principle of Mathematical Induction	-	1	-	3
5	Complex numbers & Quadratic Equations	1	-	1	6
6	Linear Inequalities	-	-	1	5
7	Permutations & Combinations	1	1	-	4
8	Binomial Theorem	-	1	-	3
9	Sequence & Series	1	1	-	4
10	Straight lines	1	1	-	4
11	Conic Sections	1	1	-	4
12	Introduction to Three-dimensional Geometry	-	1	-	3
13	Limits & Derivatives	-	1	1	8
14	Mathematical Reasoning	-	1	-	3
15	Statistics	-	-	1	5
16	Probability	1	1	-	4
Total marks		8	14	4	70

1. Sets:

Sets and their representations. Empty set, Finite & Infinite sets, Equal sets. Subsets, Subsets of the set of real numbers especially intervals (with notations). Power set. Universal set. Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set, Properties of complement sets.

2. Relations & Functions:

Ordered pairs, Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the reals with itself (upto $R \times R \times R$).

Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special kind of relation from one set to another. Pictorial representation of a function, domain, co-domain and range of a function. Real valued function of the real variable, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum and greatest integer functions with their graphs. Sum, difference, product and quotients of functions.

3. Trigonometric Functions:

Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Truth of the identity $\sin^2 x + \cos^2 x = 1$, for all x . Signs of trigonometric functions and sketch of their graphs. Expressing $\sin(x \pm y)$ and $\cos(x \pm y)$ in terms of $\sin x$, $\sin y$, $\cos x$ & $\cos y$. Deducing the identities like following:

$$\tan(x \pm y) = \frac{\tan x \pm \tan y}{1 \mp \tan x \cdot \tan y}, \quad \cot(x \pm y) = \frac{\cot x \cdot \cot y \mp 1}{\cot y \pm \cot x}$$

$$\sin x + \sin y = 2 \sin \frac{x+y}{2} \cos \frac{x-y}{2}, \quad \cos x + \cos y = 2 \cos \frac{x+y}{2} \cos \frac{x-y}{2}$$

$$\sin x - \sin y = 2 \cos \frac{x+y}{2} \sin \frac{x-y}{2}, \quad \cos x - \cos y = -2 \sin \frac{x+y}{2} \sin \frac{x-y}{2}$$

Identities

related to $\sin 2x$, $\cos 2x$, $\tan 2x$, $\sin 3x$, $\cos 3x$ and $\tan 3x$. General solution of trigonometric equations of the type $\sin \theta = \sin \alpha$, $\cos \theta = \cos \alpha$ and $\tan \theta = \tan \alpha$. Proofs and simple applications of sine and cosine formulae.

4. Principle of Mathematical Induction:

Process of the proof by induction, motivating the application of the method by looking at natural numbers as the least inductive subset of real numbers. The principle of mathematical induction and simple applications.

5. Complex Numbers and Quadratic Equations:

Need for complex numbers, especially $\sqrt{-1}$, to be motivated by inability to solve every quadratic equation. Brief description of algebraic properties of complex numbers. Argand plane and polar representation of complex numbers. Statement of Fundamental Theorem of Algebra, solution of quadratic equations in the complex number system. Square-root of a Complex number.

6. Linear Inequalities:

Linear inequalities, Algebraic solutions of linear inequalities in one variable and their representation on the number line. Graphical solution of linear inequalities in two variables. Solution of system of linear inequalities in two variables - graphically.

7. Permutations & Combinations :

Fundamental principle of counting, Factorial $n(n!)$ Permutations and combinations, derivation of formulae and their connections, simple applications.

8. Binomial Theorem :

History, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle , general and middle term in binomial expansion, simple applications.

9. Sequence and series:

Sequence and Series , Arithmetic Progression (A.P), Arithmetic Mean (A.M) , Geometric Progression (G.P), general term of a G.P, sum of n terms of a G.P . Arithmetic and Geometric series, infinite G.P. and its sum. Geometric mean (G .M), relation between A.M and G.M, Sum to n term of the special series $\sum n$, $\sum n^2$ and $\sum n^3$.

10. Straight Lines :

Brief recall of 2-D from earlier classes, Shifting of origin. Slope of a line and angle between two lines .Various forms of equations of a line: parallel to axes, point-slope form, slope-intercept form, two-point form, intercept form and normal form ,General equation of a line. Equation of family of lines passing through the point of intersection of two lines. Distance of a point from a line.

11. Conic Sections :

Sections of a cone ; circles , ellipse , parabola, hyperbola ,a point , a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equations of a circle;

12. Introduction to Three-dimensional Geometry:

Coordinate axes and coordinate planes in three dimensions. Coordinates of a point .Distance between two points and section formula.

13. Limits and Derivatives:

Derivative introduced as rate of change both as that of distance function and geometrically, intuitive idea of limit.

$$\lim_{x \rightarrow 0} \frac{\log_e(1+x)}{x}, \lim_{x \rightarrow 0} \frac{e^x - 1}{x}$$

Definition of derivative, relate it to slope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions.

14. Mathematical Reasoning:

Mathematically acceptable statements. Connecting words/phrases—consolidating the understanding of “if and only if (necessary and sufficient) condition”, “implies”, “and/or”, “implied by”, “and”, “or”, “there exists” and their use through variety of examples related to real life and Mathematics, Validating the statements involving the connecting words—difference between contradiction, converse and contrapositive.

15. Statistics:

Measure of dispersion: mean deviation, variance and standard deviation of ungrouped/grouped data. Analysis of frequency distributions with equal means but different variances.

16. Probability:

Random experiments: outcomes, sample spaces(set representation).Events: Occurrence of events, ‘not’, ‘and’ & ‘or’ events, exhaustive events, mutually exclusive events. Axiomatic (set theoretic) probability, connections with the theories of earlier classes. Probability of an event, probability of ‘not’, ‘and’ & ‘or’ events.

Class-XI
13. POLITICAL SCIENCE

Time : 3 hrs.

Theory: 70 Marks
CCE: 30 Marks
Total : 100 Marks

STRUCTURE OF QUESTION PAPER

1. The question paper will cover whole of the prescribed syllabus.
2. All questions will be compulsory.
3. The question paper will comprise of 24 questions in total.
4. The question paper will have 3 sections A, B, & C.

(A) Objective type questions:- This part will be containing objective type questions which will be 10 (Ten) in number. Answer of these questions will may include question with one word to one sentence answer/ fill in the blanks/ true or false/ multiple choice type questions. 10×1=10

(B) Short Answer type questions:- This part will contain total 12 questions from which candidate is to attempt any 10 questions. Each question will carry 4 marks. Answer to these questions are required in 50-60 words. 10×4=40

(C) Essay type questions:- This part will contain total 4 questions from which candidate is to attempt any 2 question. Each question will carry 10 marks. There will be total internal choice for these questions. Answer to these questions will be needed in 250 to 300 words or on 3-4 pages. 2×10=20

SYLLABUS

Part-A
FOUNDATIONS OF POLITICAL SCIENCE

Unit-I Meaning, Scope and Significance of Political Science

- (a) Meaning of Political Science
- (b) Scope and significance of Political Science.
- (c) Relationship of political science with History, Economics, Sociology and Ethics.

Unit-II Citizen and his Rights and Duties

- (a) Citizen and citizenship
- (b) Meaning of rights and duties
- (c) Relation between rights and duties

Unit-III Basic concepts

- (a) Law-meaning and its kinds.

- (b) Liberty-meaning, kinds and safeguards.
- (c) Equality-meaning, kinds, liberty and equality.
- (d) Justice

Unit-IV Society, State and Nation

- (a) State and its attributes.
- (b) Difference between State and Society, State and Government, State and Nation.
- (e) State and Associations.

Unit-V Classification of constitutions and Forms of Governments

- (a) Constitution: Meaning and Types, Rigid and Flexible, Written and Unwritten.
- (b) Forms of Governments:
 - (i) Democratic And Authoritarian (Dictatorial)
 - (ii) Parliamentary and Presidential
 - (iii) Unitary and Federal

Unit-VI Organs of Government

- (a) Executive
 - (i) Types of Executive
 - (ii) Functions.
- (b) Legislature
 - (i) Types of Legislature-Unicameral & Bicameral
 - (ii) Functions.
- (c) Judiciary
 - (i) Importance and Functions
 - (ii) Independence of the Judiciary

Part-B

INDIAN CONSTITUTION AND GOVERNMENT

Unit-VII Basic Principles of the Indian Constitution

- (a) Preamble and salient features of the Indian Constitution.

Unit-VIII Fundamental Rights and Directive Principles of State Policy

- (a) Fundamental Rights-Nature and Kinds.
- (b) Directive Principles of State Policy-Importance and Sanctions behind them.
- (c) Distinction and relationship between Fundamental Rights and Directive principles.
- (d) Fundamental Duties.

Unit-IX Indian Federal System

- (a) Nature of Indian Federation
- (b) Union-State relations: Legislative, Administrative and Financial.

Unit-X Union Government

- (a) The Union Executive-President, Prime Minister and Council of Ministers.
- (b) The Union Legislature.

Unit-XI The State Government

- (a) State Executive- Governor, Chief Minister and Council of Ministers
- (b) State Legislature
- (c) District Administration

Unit-XII Indian Judicial System

- (a) The Supreme Court
- (b) State High Court

ਸ਼੍ਰੇਣੀ-ਗਿਆਰ੍ਹਵੀਂ
33. ਸਰੀਰਕ ਸਿੱਖਿਆ ਅਤੇ ਖੇਡਾਂ

ਸਮਾਂ : 3 ਘੰਟੇ

ਥਿਊਰੀ ਭਾਗ - 30 ਅੰਕ
ਪ੍ਰਯੋਗੀ ਭਾਗ - 40 ਅੰਕ
ਸੀ.ਸੀ.ਈ - 30 ਅੰਕ
ਕੁੱਲ - 100 ਅੰਕ

ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੀ ਰੂਪ ਰੇਖਾ

1. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਵਿੱਚ ਕੁੱਲ 15 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਅਤੇ ਇਹ ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਜ਼ਰੂਰੀ ਹਨ।
2. ਪ੍ਰਸ਼ਨ ਨੰਬਰ 1 ਤੋਂ 8 ਤੱਕ ਇੱਕ-ਇੱਕ ਅੰਕ ਵਾਲੇ ਪ੍ਰਸ਼ਨ ਹੋਣਗੇ ਅਤੇ ਇਹ ਓਬਜੈਕਟਿਵ ਟਾਈਪ ਵੀ ਹੋ ਸਕਦੇ ਹਨ ਅਤੇ ਇਹਨਾਂ ਦਾ ਉੱਤਰ 10 ਸ਼ਬਦਾਂ ਤੱਕ ਦਾ ਹੋ ਸਕਦਾ ਹੈ।
3. ਪ੍ਰਸ਼ਨ ਨੰਬਰ 9 ਤੋਂ 11 ਤੱਕ ਦੋ-ਦੋ ਅੰਕਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦਾ ਉੱਤਰ ਲਗਭਗ 30 ਸ਼ਬਦਾਂ ਤੱਕ ਹੋ ਸਕਦਾ ਹੈ।
4. ਪ੍ਰਸ਼ਨ ਨੰਬਰ 12 ਤੋਂ 13 ਤੱਕ ਤਿੰਨ-ਤਿੰਨ ਅੰਕਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ ਹੋਣਗੇ। ਜਿਨ੍ਹਾਂ ਦਾ ਉੱਤਰ ਲਗਭਗ 30 ਤੋਂ 50 ਸ਼ਬਦਾਂ ਤੱਕ ਹੋ ਸਕਦਾ ਹੈ।
5. ਪ੍ਰਸ਼ਨ ਨੰਬਰ 14 ਅਤੇ 15 ਪੰਜ- ਪੰਜ ਅੰਕਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ ਹੋਣਗੇ, ਇਹਨਾਂ ਵਿਚੋਂ 100% ਅੰਦਰੂਨੀ ਛੋਟ ਹੋਵੇਗੀ।

ਪਾਠਕ੍ਰਮ
ਲਿਖਤੀ ਭਾਗ

ਪਾਠ ਪਹਿਲਾ	ਸਰੀਰਕ ਸਿੱਖਿਆ
	(ੳ) ਭਾਰਤ ਵਿੱਚ ਸਰੀਰਕ ਸਿੱਖਿਆ ਦਾ ਇਤਿਹਾਸ
	(ਅ) ਸਰੀਰਕ ਸਿੱਖਿਆ ਦੀ ਧਾਰਨਾ, ਟੀਚੇ ਅਤੇ ਉਦੇਸ਼
ਪਾਠ ਦੂਜਾ	(1) ਸਰੀਰਕ ਸਿੱਖਿਆ ਦੇ ਸਰੀਰਕ ਕਿਰਿਆ ਸਬੰਧੀ ਪ੍ਰਭਾਵ
	(1) ਕਸਰਤਾਂ ਦੇ ਪ੍ਰਭਾਵ
	(ੳ) ਪੇਸ਼ੀ-ਪ੍ਰਬੰਧ ਜਾਂ ਪੱਠਾ ਪ੍ਰਣਾਲੀ ਤੇ ਕਸਰਤ ਦੇ ਪ੍ਰਭਾਵ
	(ਅ) ਕਸਰਤ ਦੇ ਲਹੂ ਗੋੜ ਪ੍ਰਣਾਲੀ ਦੇ ਪ੍ਰਭਾਵ
	(ੲ) ਸਵਾਸ ਕਿਰਿਆ ਪ੍ਰਣਾਲੀ ਤੇ ਕਸਰਤ ਦੇ ਪ੍ਰਭਾਵ
	(2) ਬਕਾਵਟ, ਦੂਸਰਾ ਸਵਾਸ, ਉਕਤਾਹਟ, ਆਕਸੀਜਨ ਕਾਰਜ ਵਰਗੀਆਂ ਘਟਨਾਵਾਂ।
ਪਾਠ ਤੀਜਾ	ਸਰੀਰਕ ਸਿੱਖਿਆ ਦੇ ਮਨੋਵਿਗਿਆਨਕ ਪੱਖ
	(ੳ) ਮਨੋਵਿਗਿਆਨਕ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਖੇਡ ਮਨੋਵਿਗਿਆਨ
	(ਅ) ਖੇਡ ਦੇ ਸਿਧਾਂਤ
	(ੲ) ਖੇਡ-ਪ੍ਰਦਰਸ਼ਨ (ਕੁਸ਼ਲਤਾ) ਨੂੰ ਪ੍ਰਭਾਵਿਤ ਕਰਨ ਵਾਲੇ ਮਨੋਵਿਗਿਆਨਕ ਤੱਤ।
	(ਸ) ਪ੍ਰੇਰਣਾ
ਪਾਠ ਚੌਥਾ	ਸਿਹਤ ਸਿੱਖਿਆ
	(ੳ) ਸਿਹਤ ਸਿੱਖਿਆ ਦੀ ਧਾਰਨਾ, ਟੀਚੇ, ਉਦੇਸ਼ ਅਤੇ ਖੇਤਰ।
	(ਅ) ਸਰੀਰਕ ਸਿੱਖਿਆ ਦੇ ਸਿਧਾਂਤ, ਬਾਲਿਗ ਅਤੇ ਯੁਵਾ ਪੀੜ੍ਹੀ ਦੀ ਲਈ ਸਿਹਤ ਸਿੱਖਿਆ ਦਾ ਮਹੱਤਵ। ਸਿਹਤ ਨੂੰ ਪ੍ਰਭਾਵਤ ਕਰਨ ਵਾਲੇ ਤੱਤ, ਵਿਅਕਤੀ, ਪਰਿਵਾਰ ਅਤੇ ਸਮਾਜ ਦੀ ਸਿਹਤ ਤੇ ਸ਼ਰਾਬ, ਤੰਬਾਕੂ ਅਤੇ ਨਸ਼ੀਲੀ ਦਵਾਈਆਂ ਦੀ ਵਰਤੋਂ ਦੇ ਪ੍ਰਭਾਵ।

- (ੲ) ਅੱਜ ਦੀਆਂ ਸਿਹਤ ਸਮੱਸਿਆਵਾਂ - ਪ੍ਰਦੂਸ਼ਣ, ਪਾਣੀ, ਹਵਾ, ਆਵਾਜ਼, ਕੁਪੋਸ਼ਣ ਅਤੇ ਇਨ੍ਹਾਂ ਨੂੰ ਹੱਲ ਕਰਨ ਲਈ ਸਿਹਤ ਸਿੱਖਿਆ ਦਾ ਯੋਗਦਾਨ।
- (ਸ) ਛੂਤ ਦੀਆਂ ਬਿਮਾਰੀਆਂ ਦਾ ਅਰਥ, ਉਹਨਾਂ ਦੇ ਸੰਚਾਰਨ ਦਾ ਢੰਗ ਅਤੇ ਹੇਠ ਲਿਖੀਆਂ ਬਿਮਾਰੀਆਂ ਦੀ ਰੋਕਥਾਮ-ਏਡਜ਼, ਰੇਬੀਜ਼, ਟੈਟਨਸ, ਮਲੇਰੀਆ, ਟੀ.ਬੀ., ਹੈਪੇਟਾਈਟਸ-ਬੀ।

ਪਾਠ ਪੰਜਵਾਂ ਉਲੰਪਿਕ ਖੇਡਾਂ

- (ੳ) ਆਧੁਨਿਕ ਉਲੰਪਿਕ ਖੇਡਾਂ ਦਾ ਇਤਿਹਾਸ। ਉਲੰਪਿਕ ਮਾਟੋ, ਉਲੰਪਿਕ ਸੌਹ ਅਤੇ ਝੰਡਾ
- (ਅ) ਪੰਜਾਬ ਖੇਡ ਵਿਭਾਗ
- (ੲ) ਪੰਜਾਬ ਉਲੰਪਿਕ ਐਸੋਸੀਏਸ਼ਨ

ਪਾਠ ਛੇਵਾਂ ਸਰੀਰਕ ਵਾਧਾ ਅਤੇ ਵਿਕਾਸ

- (ੳ) ਵਾਧੇ ਅਤੇ ਵਿਕਾਸ ਵਿੱਚ ਅੰਤਰ
- (ਅ) ਵਾਧੇ ਅਤੇ ਵਿਕਾਸ ਤੇ ਵੰਸ਼ ਪਰੰਪਰਾ ਅਤੇ ਵਾਤਾਵਰਣ ਦੇ ਪ੍ਰਭਾਵ
- (ੲ) ਵਿਅਕਤੀਗਤ ਸਿਹਤ ਅਤੇ ਸਿਹਤ ਨਿਯਮ
- (ਸ) ਖਿਡਾਰੀਆਂ ਲਈ ਸੰਤੁਲਿਤ ਭੋਜਨ

ਪਾਠਕ੍ਰਮ (ਪ੍ਰਯੋਗੀ)

ਸਮਾਂ 4 ਘੰਟੇ

ਪ੍ਰਯੋਗੀ : 4●

ਅੰਕ

- ੳ) ਟਰੈਕ ਅਤੇ ਫੀਲਡ ਦੀ ਈਵੈਂਟਸ (ਲੜਕੇ ਅਤੇ ਲੜਕੀਆਂ ਲਈ) ਹਰੇਕ ਈਵੈਂਟ ਦੇ 7 ਅੰਕ ਹੋਣਗੇ।
ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਕੋਈ ਦੋ ਈਵੈਂਟਸ ਇੱਕ ਟਰੈਕ ਵਿੱਚੋਂ ਅਤੇ ਇੱਕ ਫੀਲਡ ਵਿੱਚੋਂ ਚੁਣੀਆਂ ਜਾ ਸਕਦੀਆਂ ਹਨ।
- ਦੌੜਾਂ - 100 ਮੀਟਰ, 200 ਮੀਟਰ, 400 ਮੀਟਰ ਅਤੇ 800 ਮੀਟਰ, 3000 ਮੀਟਰ।
 - ਲੜਕੀਆਂ ਲਈ 110 ਮੀਟਰ ਹਰਡਲ (ਹਰਡਲ ਦੀ ਉਚਾਈ 96.4 ਸੈ.ਮੀ. ਅਤੇ 10 ਉਚਾਈਆਂ), ਲੜਕੀਆਂ ਲਈ 100 ਮੀਟਰ (ਹਰਡਲ ਦੀ ਉਚਾਈ 76.2 ਸੈ.ਮੀ.) ਅਤੇ 8 ਉਚਾਈਆਂ, 4x100 ਮੀਟਰ (ਲੜਕੀਆਂ ਵਾਸਤੇ) ਅਤੇ 4x200 ਮੀਟਰ (ਲੜਕੀਆਂ ਵਾਸਤੇ) ਰਿਲੇਅ।
 - ਹੈਮਰ ਥਰੋ, ਡਿਸਕਸ ਥਰੋ, ਜੈਵਲਿਨ ਥਰੋ, ਸ਼ਾਟ ਪੁੱਟ, ਲੌਂਗ ਜੰਪ, ਹਾਈ ਜੰਪ, ਟਰਿੱਪਲ ਜੰਪ, ਬਰਾਡ ਜੰਪ, ਪੌਲਵਾਲਟ, ,
- ਅ) ਹੇਠ ਲਿਖੀਆਂ ਵਿੱਚੋਂ ਕੋਈ ਦੋ ਖੇਡਾਂ ਦੀ ਚੋਣ ਕੀਤੀ ਜਾ ਸਕਦੀ ਹੈ। ਹਰੇਕ ਖੇਡ ਦੇ 5 ਅੰਕ ਹੋਣਗੇ।
ਖੇਡਾਂ (ਲੜਕੇ ਅਤੇ ਲੜਕੀਆਂ ਲਈ)।
ਹਾਕੀ, ਹੈਂਡ ਬਾਲ, ਕਬੱਡੀ, ਬਾਕਸਿੰਗ, ਟੇਬਲ ਟੈਨਿਸ, ਤੈਰਾਕੀ ਅਤੇ ਡਾਈਵਿੰਗ, ਜਿਮਨਾਸਟਿਕ, ਫੁੱਟਬਾਲ, ਬੈਡਮਿੰਟਨ, ਬਾਸਕਟਬਾਲ, ਕ੍ਰਿਕਟ, ਖੋ-ਖੋ, ਕੁਸ਼ਤੀ, ਜੂਡੋ, ਵਾਲੀਬਾਲ, ਗੱਤਕਾ, ਲਾਨ ਟੈਨਿਸ, ਯੋਗਾ ਨਾਲ ਸਬੰਧਤ ਸਰੀਰਕ ਕ੍ਰਿਆਵਾਂ, ਰਿਦਮਕ ਫੋਕ ਡਾਂਸ
- ਸ) ਖੇਡਾਂ ਵਿੱਚ ਪ੍ਰਾਪਤੀ (ਵੱਧ ਤੋਂ ਵੱਧ 10 ਅੰਕ) ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਅੰਕ ਦਿੱਤੇ ਜਾਣਗੇ।
- | | |
|--------------------|--------|
| ਸਕੂਲ ਪ੍ਰਤੀਨਿਧਤਾ | 3 ਅੰਕ |
| ਜ਼ੋਨ ਪ੍ਰਤੀਨਿਧਤਾ | 4 ਅੰਕ |
| ਜ਼ਿਲ੍ਹਾ ਪ੍ਰਤੀਨਿਧਤਾ | 6 ਅੰਕ |
| ਰਾਜ ਪ੍ਰਤੀਨਿਧਤਾ | 8 ਅੰਕ |
| ਕੌਮੀ ਪ੍ਰਤੀਨਿਧਤਾ | 10 ਅੰਕ |
- ਹ) ਪ੍ਰੈਕਟੀਕਲ ਕਾਪੀ, ਚਾਰਟ ਜਾਂ ਮਾਡਲ - 2 ਅੰਕ
- ਕ) ਵਾਇਵਾ - 4 ਅੰਕ

ਨੋਟ : ਪ੍ਰੈਕਟੀਕਲ ਦੇਣ ਸਮੇਂ ਪ੍ਰੀਖਿਆਰਥੀ ਸਪੋਰਟਸ ਕਿੱਟ ਵਿੱਚ ਹੋਣਾ ਚਾਹੀਦਾ ਹੈ।