

Class IX – Science

Session: 2025–26

Sample Question Paper – C

Time Allowed: 3 Hours Maximum Marks: 80

General Instructions

This question paper consists of 39 questions divided into 3 sections. Section A – Biology

Section B – Chemistry ,Section C – Physics

All questions are compulsory.

Internal choices are provided in some questions. Attempt only one of the alternatives.

Section A – Biology

Q1. Ranikhet is a disease related to . [1]

- a) Poultry
- b) Pisciculture
- c) Apiculture
- d) Sericulture.

Q2. Column I. Column II

A. Mitochondria	1. Transport of water in plants
B. Xylem.	2. Control and coordination of activities
C. Neuron.	3. Powerhouse of the cell
D. Chlorophyll.	4. Photosynthesis

Options:

- a) A-3, B-1, C-2, D-4
- b) A-1, B-3, C-4, D-2
- c) A-3, B-2, C-1, D-4
- d) A-4, B-1, C-3, D-2 [1]

Q3. Choose the wrong statement: [1]

- a) Meristematic tissues are responsible for plant growth.
- b) Xylem transports water and minerals from roots to other parts.

c) Phloem transports food manufactured in leaves.

d) Parenchyma cells are always dead

a) D

b) B

c) C

d) A

Q4. Assertion–Reason: [1]

Assertion (A): Cells placed in a hypertonic solution shrink in size.

Reason ®: These cells continuously divide and help in plant growth.

a) Both A and R are true and R is the correct explanation of A

b) Both A and R are true but R is not the correct explanation of A

c) A is true but R is false

d) A is false but R is true

Q5. Assertion–Reason: [1]

Assertion (A): Crop rotation improves soil fertility.

Reason ®: Leguminous plants fix atmospheric nitrogen in the soil with the help of bacteria.

(Options same as above)

Q6. Describe cartilage. [2]

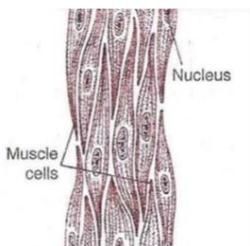
Q7. If ligament gets damaged ,what problem would a person face ?[2]

OR

What is intercropping?

Q8. Why are fertilizers bad for soil health? [2]

Q9. Observe the given diagram and answer the questions: [3]



a) Identify the type of tissue shown.

b) Write two characteristics of the type of tissue mentioned in the given figure.

c) Where is this tissue found in our body ? What is the nature of the given tissue mentioned in the diagram.

Q10. Answer the following:

[3]



a) What is the main purpose of green manure?

b) Name any two plants used for green manure.

c) What is the advantage of biological manure?

Q11. Read the passage and answer: [4]

Rohit often eats uncovered street food and drinks untreated water. After a few days, he suffered from stomach pain, vomiting, and weakness. The doctor advised him to maintain personal hygiene and consume clean drinking water. The doctor also explained that diseases can spread through contaminated food and water and weaken the immune system.

Answer the following questions:

A. Name the type of disease Rohit is likely suffering from.

B. Mention one mode of transmission of such diseases.

C. State one preventive measure to avoid such infections.

OR

What are plastids ? (2)

Q12. What is leucoplast?. [5]

OR

i) What is blood?

ii) list components of blood

iii) Describe one disorder of blood

iv) What is leukemia ?

v) What would happen if RBC gets damaged .

Section B – Chemistry

Q13. Which statement is true? [1]

Statement A: During a physical change, no new substance is formed.

Statement B: Melting of ice into water is a chemical change.

- a) Both A and B false
- b) Both A and B true
- c) Only B
- d) Only A

Q14. Which statement is NOT true about Solid [1]

A. Contains large intermolecular space between particles.

B. Less denser than liquid

C. Hard

D. Cannot be dissolved in solution

- a) B and C
- b) All
- c) A, B and D
- d) C and D

Q15. Fermentation of grapes is an example of: [1]

- a) Chemical change
- b) Redox reaction
- c) Reversible change
- d) Physical change

Q16. Match the following: [1]

(a) Discovery of subatomic particles – (i) Discharge tube

(b) Energy levels – (ii) Orbits

(c) Universal particles – (iii) Electrons

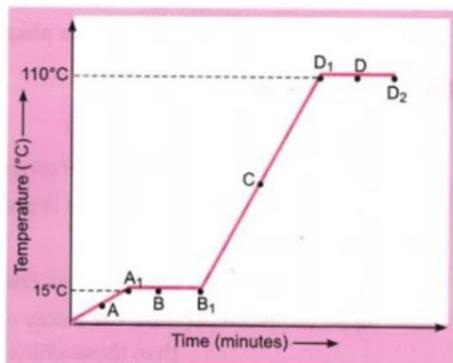
(d) Canal rays – (iv) Positively charged

Q17. Number of molecules bonded by hydrogen bonding in $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ is: [1]

- a) 5

- b) 3
- c) 2
- d) 1

Q 18. The temperature – time graph given alongside shows the heating curve of pure wax



- a) 9°C
- b) 110°C
- c) 15°C
- d) 90°C

Q19. Which among the following is an example of a physical change ? [1]

- a) Mixing NH_3 and HCl
- b) Adding NaCl to water
- c) Mixing $\text{BaSO}_4 + \text{NaCl}$
- d) Burning magnesium in air

Q1

Q20. Which is a physical change? [1]

- a) Burning of wood
- b) Souring of milk
- c) Digestion of food
- d) Magnetizing a piece of iron

Q21. Assertion–Reason: [1]

Assertion: We use names and symbols as stated by IUPAC

Reason: Many symbols are the last letter or the last two letters of the name of the element.

(Options same as earlier)

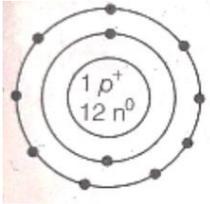
Q22. State postulates of Dalton theory [2]

Q23. The solubility of sodium chloride in water increases with rise in temperature while that of lithium carbonate decrease. Give reason [3]

OR

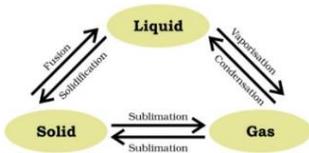
Differentiate between Gram atomic mass and Atomic mass unit.

Q24.) Given below is the atomic structure of an element ${}^{23}_{11}\text{A}$ according to Bohr's model of atom [3]



- What is wrong with this structure of atom?
- Draw a correct representation of this atom.
- Write the chemical formula of the chloride of this element.

Q25. Matter around us exists in three different states – solid , liquid , gas . These states of matter arise due to the variation in the characteristics of the particles of matter. Solids have a tendency to maintain their shape when subjected to outside force. Solids may break under force but it is difficult to change their shape, so they are rigid. The difference in various states of matter is due to the difference in the distances between the constituent particles. Pressure temperature determine the state of a substance , whether it will be solid , liquid or gas [4]



- Write the properties of a solid state of matter?
- How does solid gets converted
- What is vaporization?

OR

- Give an example from which we can say that gas can directly converted into solid state of matters?(1)

Q 26. Complete the following table.

27. Complete the following table.

[5]

Atomic Number	Mass Number	Number of Neutrons	Number of Protons	Number of Electrons	Name of the atomic Species
9	-	10	-	-	-
16	32	-	-	-	Sulphur
-	24	-	12	-	-
-	2	-	1	-	-
-	1	0	1	0	-

OR

Atomic number	Mass number	Number of neutrons	Number of protons	Number of electrons	Name of the atomic species
9	-	10	-	-	-
16	32	-	-	-	Sulphur
-	24	-	12	-	-
-	2	-	1	-	-

Section C – Physics

Q27. What can be an effect of force? [1]



- a) Change the size of the object
- b) Move a stationary object
- c) Stop a moving object
- d) Change the shape of the object

Q28. Which energy cannot be completely converted into other forms due to the transmission system? [1]

- a) Nuclear
- b) Solar
- c) Heat
- d) Mechanical

Q29.. Which statement is false? [1]

- a) Constant velocity, varying speed
- b) Zero velocity, still accelerated
- c) Constant speed, varying velocity
- d) Direction changes with constant acceleration

Q30. Dolphins communicate through [1]

- a) ultrasonic waves
- b) infrasonic
- c) radio wave
- d) audible sound

Q31. Assertion–Reason:

Assertion (A): The velocity of sound in helium gas is less than the velocity of sound in oxygen gas. [1]

Reason (R): The density of oxygen is more than the density of helium

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.

c) A is true but R is false.

d) A is false but R is true.

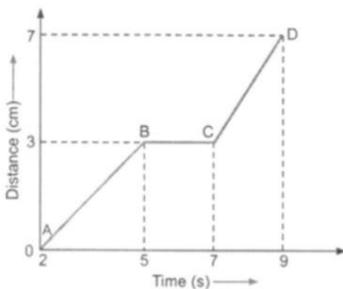
Q 32. A hockey ball of mass 200 g travelling at 10 m/s is struck by a hockey stick so as to return at it along its original path with a velocity at 5m/s calculate the magnitude of change of momentum occurred in the motion of the hockey ball by the force applied by the hockey stick.

Q.33. The kinetic energy of an object of mass m moving with a velocity of 5 m/s is 25 J what will be its kinetic energy when its velocity is doubled? What will be its kinetic energy when its velocity is increased to three times ?

Q.34. An engine can pump 30,000 litres of water a vertical height of 45 metres in 10 minutes. Calculate the work done by the machine and its power [$g=9.8\text{m/s}^2$; Density of water = 10^3 kg /m^3 , 1000 lit = 1 m^3] [2]

The graph given below shows the position of a body at different times . Calculate the speed of the body as it moves from

- i) A to B
- ii) B to C
- iii) C to D



Q.35 A sound wave has a frequency of 1,000 Hz and a wavelength of 20 cm. How long will it take to travel 320 m/s [2]

Q.36 A stone is dropped from the top of a tower 500 m high into a pond of water at the base of the tower. When is the splash heard at the top? Given, $g = 10\text{ s}^{-2}$ and speed of sound = 340 m s^{-1} . [3]

Q.37 A person has a hearing range from 20 Hz to 20 kHz. What are the typical wavelengths of sound waves in air corresponding to these two frequencies? Take the speed of sound in air as 344 m s^{-1} . [3]

Q.38. The kinetic energy of an object of mass m moving with a velocity of 5 m s^{-1} is 25 J. What will be its kinetic energy when its velocity is doubled? What will be its kinetic energy when its velocity is increased three times? [3]

Questions:

- a) Define universal law of gravitation , find expression for ?
- b) What is kinetic energy ?
- c) Differentiate between scalar and vector quantity.

d) An object has moved through a distance. Can it have zero displacement? If yes support your answer with example [4]

Q.39 A person standing in front of a cliff fires a gun and hears its echo after 6 s. If the speed of sound in air is 340 m/s

(a) Calculate the distance of the person from the cliff.

SPECIMEN PAPER -3(2025-26)
CLASS IX CBSE
SOCIAL STUDIES

MARKS: 80. TIME: 2 HRS.

General Instructions:

- 1. There are 38 questions in the Question paper. All questions are compulsory.**
- 2. The question paper has Four Sections - A-History, B-Geography, C-Political Science, and D-Economics.**
- 3. Each Section is of 20 Marks and has MCQs, VSA, SA, LAs and CBQ.**
- 4. Very Short Answer Type Questions (VSA), carry 2 marks each. Answers to each question should not exceed 40 words.**
- 5. Short Answer Type Questions (SA), carry 3 marks each. Answers to each question should not exceed 60 words.**
- 6. Long answer type questions (LA), carry 5 marks each. Answers to each question should not exceed 120 words.**
- 7. There are case based questions (CBQ) with three sub questions and are of 4 marks each. Answers to each question should not exceed 100 words.**
- 8. The map-based questions carry 5 marks with two parts- Q9. In Section A-History (2 marks) and Q19, in Section B -Geography (3 marks)**
- 9. There is no overall choice in the question paper. However, an internal choice has been provided in a few questions. Only one of the choices in such questions must be attempted.**

SECTION-A HISTORY (20 marks)

Q-1. Which treaty was signed after World War I that humiliated Germany and helped the rise of Nazism? (1)

- a) Treaty of Vienna**
- b) Treaty of Versailles**
- c) Treaty of Tordesillas**
- d) Treaty of Sevres**

Q-2. Who were the Bolsheviks?(1)

- A. Moderate socialists**
- B. Radical socialists**
- C. Supporters of the Tsar**
- D. Capitalists**

Q3. Which of the following was a major impact of British forest laws on forest dwellers in India?(1)

- a) Free use of forest resources**
- b) Increase in shifting cultivation**
- c) Restriction on grazing and collection of forest produce**

d) More employment opportunities

Q-4. The secret police of Nazi Germany were called:(1)

- (a) Gestapo**
- (b) SS**
- (c) SA**
- (d) Wehrmacht**

Q5- Explain the changes introduced by the British in forest management. (2)

Q6-(a) Explain the features of Nazi ideology. (Any four points)

OR

(b) Describe the role of the Third Estate in the outbreak of the French Revolution.(3)

Q7-(a) Explain any five reasons for the rise of Nazism in Germany.(5 marks)

OR

(7b) Explain how British forest policies affected the lives of forest dwellers in India.

Q8- Read the passage and answer the questions that follow:

In 1789, France was facing a severe financial crisis. Long years of war had drained the royal treasury. King Louis XVI continued to live a life of luxury at the Palace of Versailles. French society was divided into three estates. The First Estate consisted of the clergy, and the Second Estate consisted of the nobility. They enjoyed privileges and paid very little tax. The Third Estate included peasants, artisans, and the middle class. They had to pay heavy taxes to the state. On 14 July 1789, angry crowds stormed the Bastille prison, which symbolised the despotic power of the king. This event marked the beginning of the French Revolution.

Questions:

- 8.a) What was one major reason for the financial crisis in France?(1)**
- 8.b) Name the three estates of French society.(1)**
- 8.c) Which estate paid the highest taxes and why?(1)**
- 8.d) Why was the Bastille prison attacked?(1)**

Q9- On the map of Europe mark any two of the countries of the Triple Entente (1914).

:(2)

- a) Britain**
- b) France**
- c) Russia**

SECTION B (20)

GEOGRAPHY

Q10. Identify the season on the basis of the clues given: (1)

- For most parts of the country it is a dry season as it is under the influence of north east trade winds which blow from land to sea.
- The cyclonic/ Western disturbances bring much needed winter rain important for Rabi crops in the Northern plains

Options

- A) The hot weather season
- B) The Cold weather season
- C) The Retreating monsoon season
- D) The advancing monsoon season

Q11. Yak the shaggy horned wild ox is found in the:(1)

- A) Freezing high altitude of Ladakh
- B) Hot wet forest of Assam
- C) Gir forests of Gujarat
- D) Sundarban of West Bengal.

Q12. Identify the picture and choose the correct option:(1)

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- A) Mangrove forests
- B) Tropical Evergreen forests
- C) Tropical deciduous forests
- D) Thorn and scrub forests

Q13. Fill in the blanks:(1)

Natural lake	Wular
Artificial lake	??

- A) Dal lake
- B) Chilka lake
- C) Govind Sagar Lake
- D) Sambhar lake

Q14. Which of the following countries does not share a land boundary with India: (1)

- A) Bhutan
- B) Sri Lanka
- C) Pakistan
- D) Nepal

Q15. Retreating monsoon season is marked by clear skies, high temperature high humidity and oppressive weather conditions called:(1)

- A) Burst of monsoon
- B) Break of monsoon
- C) October heat
- D) Western disturbances

Q16. Compare eastern and western coastal plains. (2)

Q17A. Which months does India experience the Hot weather season? Give an account of the local winds that blow during the summer season. (5)

Or.

17B. Define Monsoons. What do you understand by the terms Burst and Break of Monsoons?

Why is Monsoon considered a unifying bond in India? (5)

Q18. Read the passage and answer the questions that follow:

Indian landmass has a central location between East and West Asia. India is a southward extension of the Asian continent. The trans Indian Ocean routes, which connect the countries of Europe in the West and the countries of East Asia, provide a strategic central location to India. Note that the Deccan Peninsula protrudes into the Indian Ocean, thus helping India to establish close contact with West Asia, Africa and Europe from the western coast and with Southeast and East Asia from the eastern coast. No other country has a long coastline on the Indian Ocean as India has and indeed, it is India's eminent position in the Indian Ocean, which justifies the naming of an Ocean after it.

18.A) Why is the Central location of India at the head of the Indian Ocean considered of great significance? (2)

18.B) Justify the naming of the Indian Ocean after a country.(1)

18.C) Name two states of India having coastal plains. (1)

Q19. On the given political map of India mark and label any three of the following:

19A) Himalaya ranges

19B) A neighbouring country to the west of India

19C) Shade and name Thar desert

19D) State of Kerala

19E) Shade an area of rainfall more than 200 cm.

SECTION C (20)

POLITICAL SCIENCE

Q20-Which of the following is not a feature of democracy? (1)

(a) Universal adult franchise

(b) Rule of law

(c) Hereditary succession

(d) Political equality

Q21- Which of the following best explains 'checks and balances'? (1)

(a) One organ controls all powers

(b) Separation of powers with mutual control

(c) Army controls government

(d) President makes all decisions

Q22- Why is democracy better than other forms of government? (1)

A. It allows mistakes to be corrected

B. It is faster

C. It is cheaper

D. It has no laws

Q23- Which word in the Preamble shows that people are the source of authority? (1)

A. Socialist

B. Secular

C. Sovereign

D. We, the People

Q-24- Mention three powers and functions of the Election Commission.(2)

Q-25- Explain any three functions of the President of India.(2)

Q26- (a) What is meant by collective responsibility? Why is it important?(3)

Or

(b) Mention any three features of the Indian Constitution.

Q 27- (a) Why is democracy considered better than other forms of government? Explain with four points.(5)

Or

27-(b) Explain the six Fundamental Rights guaranteed by the Indian Constitution.

Q28- Read the passage and answer the questions that follow: In a democratic country like India, elections are held regularly to choose representatives. The Election Commission announces the election schedule, prepares voters' lists, allots symbols to political parties, and ensures that elections are conducted freely and fairly. During elections, political parties campaign to inform voters about their policies. However, sometimes malpractices like bribery, misuse of government machinery, and muscle power are reported. To prevent this, the Election Commission enforces the 'Model Code of Conduct'.

Questions:

- a) Why are regular elections necessary in a democracy?(1)
- b) Explain any two functions of the Election Commission.(1)
- c) What is the Model Code of Conduct?(1)
- d) Mention any two challenges to free and fair elections.(1)

Section D (Economics) 20 Marks

Q29. What is the situation called when there is a surplus of manpower in certain categories and shortage of manpower in other categories.

[1]

- a) Paradoxical manpower situation
- b) Market activity
- c) Non market activity
- d) Seasonal unemployment

Q30. Thirty-year-old Lakha Singh works as a daily-wage labourer in an urban area. He lives in a one-room rented house in a crowded basti in the outskirts of the city. It's a temporary shack built of bricks and clay tiles. The money is not enough to sustain his family of six-that includes his wife and four children aged between 12 years to six months. Lakha Singh is unhealthy and not able to work efficiently as his intake of accepted average calorie requirement is very low. With respect to the above case analyse what is the standard accepted average calorie requirement?(1)

- a) 3600 per month
- b) 4800 per year

c) 2400 per week d) 2100 per day

Q31. Which of the following programmes has been launched by the government to adopt the principle of targeting the poor in all areas?[1]

- a) TPDS. b) TNFW
- c) TAAAY. d) TAPS

Q32. The poverty ratio declined between 1993–94 and 2004–05, yet the number of poor remains at about _____.

- a) 355 million b) 404 million
- c) 270 million d) 407 million

Q33. What is RPDS?[1]

- a) Renewed Private Distribution System
- b) Rural Public Distribution System
- c) Revamped Public Distribution System
- d) Renewed Public Distribution System

Q34. Identify the policy with the help of the given information:

This policy states that human being is a positive asset and a precious national resource which needs to be cherished, nurtured and developed with tenderness and care, coupled with dynamism. Each individual's growth presents a different range of problems and requirements.

[1]

- a. National Education Policy
- b) Sarva Siksha Abhiyan Policy
- c) Health and family welfare policy
- d) Insurance Policy

Q35. The Government of India has initiated many poverty alleviation programmes. Below are given some such programmes:

- a. PMRY
- b. REGP
- c. SGSY
- d. PMGY
- e. NFWP
- f. NREGA

In your view, what is the central feature of each of these programmes?(3)

Q36. Can you explain the three important food intervention programs which were introduced due to the report given by NSSO?

Q37. "One of the biggest challenges of independent India has been to bring millions of its people out

of poverty." Explain.[3]

Q38.Mention the peculiarities of literacy in India.[5]

OR

Which age group is known as the workforce population? Explain the employment structure existing in the agricultural sector in India. Also, explain its major problems.



Silver Grove School

Practice Set [C](2025-26)

CLASS- IX B

SUBJECT: ENGLISH

Time:3Hrs

M.M. - 80

General Instructions:

1. This question paper comprises 11 questions. All questions are compulsory.
2. The question paper contains **THREE** sections -
Section - A: Reading Skills
Section - B: Grammar and Writing Skills
Section - C: Literature Text Book
3. Attempt questions based on specific instructions for each part.

Section A (Reading)

A. Read the passage carefully and answer the questions that follow:

[10M]

1. (1) In today's fast-moving world, people often forget the importance of small acts of kindness. Everyone is busy with their own lives, careers, and responsibilities. However, even a simple smile, a helping hand, or a few kind words can make a big difference in someone's life. These small gestures may seem insignificant, but they carry great emotional value.
2. (2) Kindness does not require wealth or special talent. It only requires a caring heart. For example, helping an elderly person cross the road, sharing notes with a classmate, or comforting a friend who feels sad are simple ways to show kindness. Such actions not only help others but also bring happiness to the person who performs them.
3. (3) Scientific studies have shown that performing kind acts reduces stress and increases feelings of joy and satisfaction. When we help others, our brain releases chemicals that improve our mood. Therefore, kindness benefits both the giver and the receiver. It strengthens relationships and builds trust in society.
4. (4) Schools play an important role in teaching children the value of kindness. Teachers can encourage students to cooperate, respect differences, and support one another. When kindness becomes a habit from a young age, it shapes responsible and compassionate citizens for the future.
5. (5) In conclusion, kindness is a powerful tool that can change the world in small but meaningful ways. We may not be able to solve every problem around us, but we can always choose to be kind. A small act done with sincerity can create a chain of positivity that spreads far beyond our imagination.

Based on your understanding of the passage, answer the questions given below:

A. Very Short Answer Questions (4m)

- What can make a big difference in someone's life?
- Does kindness require wealth?
- What happens in our brain when we help others?
- Who plays an important role in teaching kindness to children?

B. Short Answer Questions (2m)

- How do small acts of kindness benefit the person who performs them?
- Why are small gestures considered important in today's world?

C. Long Answer Question (4marks)

- Explain how kindness can positively impact both individuals and society. Give examples from the passage.
- 2) “Kindness is a powerful tool that can change the world.”
- Explain this statement in detail with reference to the passage. How can small acts create a chain of positivity?

Section B (Grammar & Writing)

1. Complete ANY FIVE of questions of the following tasks, as directed [10M]

- (i) Fill the blanks using correct form of tenses and verbs (Gap filling):

(2)

When Alexander and his men _____ the plain of Gangamela, they found that the ground _____ level. The Persian chariots stood in formation, ready to attack across that flat surface. Darius _____ his scythed chariots to propel themselves force fully into Greek forces.

- (ii) Fill in the blanks using correct words (2)

- A mini-bus _____ school children overturned in East Delhi on Monday _____ a teacher and _____ several students. Some children _____ injuries on their faces.

- (iii) Choose the correct preposition and fill in the. _____ blanks. (2)

- She is afraid ___ dogs. (of / from / with)
- The train arrived ___ the station on time. (at / in / to)
- He has been living here ___ 2018. (since / for / from)
- The cat jumped ___ the table. (on / into / at)

- (iv) Each sentence has an incorrect preposition. Identify and correct it.

(2)

- She is suffering from fever since Monday.
- The boy fell on the well.
- He insisted to going there.
- I am waiting since two hours.

- (v) Change the Degree of Comparison. (2)

- Mount Everest is the highest peak in the world.
(Change into Positive degree)
- Very few cities in India are as beautiful as Jaipur.
(Change into Superlative degree)

- (vi) Write a summary of the poem “The Northland Land”. (2)

4. Write a descriptive paragraph on "A Silent Classroom During an Examination[5]

OR

Give a brief account of founder’s day celebration of your school.

5. Write a letter to the Electricity Department complaining about frequent power cuts in your area.

[5]

OR

Write a story in 150-200 words based on the clues given below.

A poor child searching for work around

Section C (Literature)

6. Read the given extracts and answer the questions that follow. (Any one)

1. She is running a high temperature. Complained Sue. “She refuses to eat or drink and that worries me a lot”.

A. Who is she referred to here? [1]

B. Why was Sue worried about her? [1]

C. What does this line tells about Sue’s character? [1]

2. At Pashupatinath (outside which a sign Proclaims ‘Entrance for the Hindus only’) there is An atmosphere of ‘febrile confusion’. Priests.

Hawkers. Devotees. Tourists. Cows. Monkeys, pigeons And dogs roam through the grounds. We offer a few Flowers. There are so many worshippers that some People trying to get the priest’s attention are elbowed Aside by others pushing their way to the. Front. A Princess of the Nepalese royal house appears; Everyone bows and makes. Way. By the main gate, a Party of saffron-clad Westerners struggle for Permission to enter. The policeman is not convinced That they are ‘the Hindus’ (only Hindus are allowed To enter the temple). A fight breaks out between Two monkeys. One chases the other, who jumps Onto a shivalinga, then runs screaming around the Temples and down to the river, the holy Bagmati, [5]

A. Who is the speaker?

B. What was the indication outside of the temple entrance.

C. What did the speaker witnessed there?

D. What was monkeys chaos elaborate.

3. Kathmandu is vivid, mercenary, religious, with Small shrines to flower-adorned deities along the Narrowest and busiest streets; with fruit sellers, Flute sellers, hawkers of postcards; shops selling Western cosmetics, film rolls and chocolate; or Copper utensils and Nepalese antiques. Film songs Blare out from the radios, car horns sound, bicycle Bells ring, stray cows low questioningly at Motorcycles, vendors shout out their wares. I indulge

i. How was the Kathmandu? (1)

ii. What did the speaker observe there? (1)

iii. Write a summary of paragraph in your own (3)

7. Read the extracts and answer the questions that follow: (Any one)

No motion has she now, no force—

She neither hears nor sees,

Rolled round in earth’s diurnal course

With rocks and stones and trees.

i. What does “no motion has she now” show?

- [1]
- ii. What has happened to her after death according to the poem?
[1]
- iii. What does “earth’s diurnal course” mean? [1]
- iv. How does the poet describe her condition after death?
[1]
- v. What is the central idea of the poem? [1]

1. *A slumber did my spirit seal—
I had no human fear.
She seemed a thing that could not feel
The touch of earthly years.*

- i. What does a “Slumber did my spirit seal” mean?
[1]
- ii. Why did the poet say he had no human fear?
[1]
- iii. Who is referred to as “she” in the extract?
[1]
- iv. Why is meant by “the touch of earthly years”?
[1]
- v. Why did the poet think that she couldn’t feel “the touch of earthly years”? [1]

8. Answer ANY FOUR of the following five questions, in about 40-50 words.

- i. Why does the intruder choose Gerrard as the man whose identity he wants to take on?
[3]
- ii. Why do the courtiers call the prince ‘the Happy Prince’? Is he really happy? What does he see all around him? [3]
- iii. What did the swallow see when it flies over the city?
[3]
- iv. How has Prashant, a teenager, been able to help the people of his village?
[3]
- v. What havoc has the super cyclone wreaked in the life of the people of Orissa? [3]

9. Answer ANY TWO of the following three questions, in about 40-50 words.

- i. Behrman has a dream. What is it? Does it come true?
[3]
- ii. Sergei says, “I am happy that my words have taken effect.” Why does he say so? Is he right in saying this? [3]
- iii. Why does The Happy Prince send a ruby for the seamstress? What does the swallow do in the seamstress’ house? [3]

10. Answer ANY ONE of the following two questions, in about 100-120 words

- i. Do you think Prashant is a good leader? Do you think young people can get together to help people during natural calamities? [3]
- ii. What is Behrman’s masterpiece? What makes Sue say so?
[3]

11. Answer ANY ONE of the following two questions, in about 100-120 words

- i. How can we help beggars/ begging? [6]
- ii. During their conversation Luskoff reveals that Sergei cook, Olga, is responsible for the positive change in him. How has Olga saved Luskoff? [6]

SILVER GROVE SCHOOL (SAMPLE PAPER)

INFORMATION TECHNOLOGY (SET - C)

SECTION A: OBJECTIVE TYPE QUESTIONS (24 Marks)

Answer any 4 out of the given 6 questions.

(1x4=4 marks)

1. The process of sending and receiving messages is called
 - a. Motivation
 - b. Communication
 - c. Coding
 - d. Calculation
2. Which of the following is a non-verbal communication?
 - a. E-mail
 - b. Letter
 - c. Facial expression
 - d. Speech
3. Eye contact in communication shows:
 - a. Confidence
 - b. Fear
 - c. Anger
 - d. Personality development
4. Which skill helps a person to work well with others?
 - a. Self control
 - b. Team work
 - c. Sleeping
 - d. Avoiding work
5. SWOT analysis stands for
 - a. Strength weakness oppournity strength
 - b. System work order task
 - c. software web output tool
 - d. None
6. The S in smart strategy stands for..
 - a. Short.
 - b. Specific
 - c. Systematic
 - d. Scheduled

Answer any 5 out of the given 6 questions.

(1x5=5 marks)

7. An example of renewable resource is:
 - a. Petrol
 - b. Coal
 - c. Solar energy
 - d. Diesel
8. In a spreadsheet, columns are labelled as:
 - a. 1 2 3
 - b. a b c
 - c. I II III
 - d. None
9. Intersection of row and column is called:
 - a. Sheet
 - b. cell
 - c. table
 - d. Chart
10. What does "Ctrl + Z" do in most software?
 - a. Undo the last action
 - b. Save the document
 - c. Copy selected content
 - d. Paste copied content
11. Which device is used for biometric authentication?
 - a. Keyboard
 - b. Fingerprint scanner
 - c. Barcode reader
 - d. Monitor
12. Which function gives the highest value?
 - a. MIN
 - b. MAX
 - c. SUM
 - d. IF

Answer any 5 out of the given 6 questions.

(1x5=5 marks)

13. The formula =B2*C2 is used for:
 - a. addition
 - b. Subtraction
 - c. Multiplication
 - e. Division
14. Sorting in spreadsheet means:
 - a. Deleting data
 - b. Arranzing data
 - c. Printing data
 - d. Copying data
15. Which software is used to create a document
 - a. Word
 - b. Excel
 - c. Powerpoint
 - d. Access
16. A webpage is written using.....language.

- a. C
 - c. HTML
17. What is the extension name of Microsoft word file?
- a. .docx
 - b. .odt
 - c. .xls
 - d. .pdf
18. What is the keyboard shortcut to save a document?
- a. Ctrl + S
 - b. Ctrl + P
 - c. Ctrl + Z
 - d. Ctrl + C

Answer any 5 out of the given 6 question.

(1x5=5 marks)

19. Netiquette refers to:
- f. Internet rules
 - g. hardware
 - h. virus
 - i. printer
20. Green jobs help in:
- a. pollution
 - b. Deforestation
 - c. waste generation
 - j. Degradation
21. Microsoft Powerpoint is a popular
- a. Database software
 - b. Word processor software
 - c. Presentation Software
 - d. Programming software
22. Stress can reduce productivity. This statement is:
- a. True
 - b. False
 - c. Sometimes
 - d. Never
23. The full form of WWW is:
- a. world wide web
 - b. World web window
 - c. wide world web
 - d. web world wide.
4. How many methods can be used to insert row and column in a table?
- a. One
 - b. Two
 - c. Three
 - d. Four

Answer any 5 out of the given 6 questions.

(1x5=5 marks)

23. Which of the following is not a search engine?
- a) Chrome
 - b) Google
 - c) Gmail
 - d) word
24. Which key combination is used to paste the text.
- a. Ctrl+C
 - b. Ctrl+P
 - c. Ctrl+M
 - d. Ctrl+V
25. Which devices scans any object to computer?
- a. Printer
 - b. Scanner
 - c. Monitor
 - d. Hard disk
26. Email attachment is used to:
- a. send files
 - b. delete files
 - c. Block users
 - d. Play games.
27. Data validation is used to:
- a. Decorate sheet
 - b. Delete data
 - c. Restrict data
 - d. Print data.
28. Microsoft Edge is a.....
- a. Web Browser
 - b. Web Server
 - c. Web page
 - d. Homepage

SECTION B: SUBJECTIVE TYPE QUESTIONS (26 Marks)

Answer any 3 out of the given 5 questions.

(2x3=6 marks)

1. Explain verbal communication with example.
2. What is self-motivation?
3. Define entrepreneur and entrepreneurship.
4. What is the difference between Formatting toolbar & Standard toolbar?
5. Explain Change case features of MS Word.

Answer any 4 out of the given 6 questions.

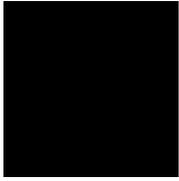
(2x4=8 marks)

6. What is cyber crime?
7. Differentiate between hardware and software.
8. What is a primary key in database?
9. What is margin in Page Orientation?
10. What is the function of memory card reader?
11. Explain the self-confidence building tips.

Answer any 3 out of the given 4 questions.

(4x3=12 marks)

12. A shopkeeper prepared a sales sheet. He wants to calculate discount (10%) on total sales and then find final amount.
Answer the following:
 - a) Write formula to calculate 10% discount if total is in cell D2.
 - b) Write formula to calculate final amount after discount.
 - c) What is autofill feature?
 - d) Name two spreadsheet functions. Explain the Spelling checking and grammar process of MS word.
13. Name and define the different types of slides present in MS PowerPoint.
14. Rohan shared his OTP with a stranger over phone and later money was deducted from his account.
Answer the following:
 - a) What mistake did Rohan make?
 - b) Define OTP.
 - c) What is online fraud?
 - d) Write two precautions to avoid such fraud. Differentiate the followings:-
15. Give short notes on the following question:-
 - a. Verbal communication and Non verbal communication.
 - b. Ram and Rom.



Silver Grove School

SAMPLE PAPER SET - III (2025-26)

CLASS- IX-B

SUBJECT: MATHEMATICS

TIME: 3 Hrs.

M.M. 80

General Instructions:

1. The question paper contains five sections A, B, C, D and E .
 2. Section A consists of 20 questions of 1 mark each .
 3. Section B consists of 5 questions of 2 marks each .
 4. Section C consists of 6 questions of 3 marks each .
 5. Section D consists of 4 questions of 5 marks each .
 6. Section E consists of 3 questions based on Case Studies with sub-parts of the values of 1,1 & 2 marks each respectively .
-

SECTION A

- Q1. The expanded form of $(3x - 5)^3$ is: 1
(a) $27x^3 + 135x^2 + 225x - 125$
(b) $27x^3 + 135x^2 - 225x + 125$
(c) $27x^3 - 135x^2 + 225x - 125$
(d) None of the above
- Q2. How many linear equations can be satisfied by $x = 2$ and $y = 3$? 1
(a) Only one (b) many (c) two (d) none of these
- Q3. Abscissa of a point is negative in a 1
(a) Quadrant IV only (b) Quadrant II and III (c) Quadrant I and IV (d) Quadrant I only
- Q4. The ordinate of any point on x – axis 1
(a) 0 (b) -1 (c) 1 (d) any
- Q5. If $\sqrt{5} = 2.236$, then $1/\sqrt{5} = ?$ 1
(a) 44.72 (b) 0.4472 (c) 0.04472 (d) 4.472
- Q6. D and E are the mid points of sides AB and AC of a ΔABC . If $BC = 5.6$ cm, 1
find DE.
(a) 2.8 cm (b) 3 cm (c) 2.9 cm (d) 2.5 cm
- Q7. A polynomial of two terms is called 1
(a) quadratic (b) binomial (c) monomial (d) cubic
- Q8. Find the value of k , if $x=1$, $y= -3$ is a solution of equation $2x - 3y=k$ 1
(a) 32 (b) 10 (c) 11 (d) 22

Q9. cube of side 4 cm is cut into 1 cm cubes. What is the ratio of the surface areas of the original cubes and cut-out cubes?

(a) 1 : 2 (b) 1 : 3 (c) 1 : 4 (d) 1 : 6

Q10. The volume of a cube is 64 cm³. Its surface area is

(a) 16 cm² (b) 64 cm² (c) 96 cm² (d) 128 cm²

Q11. If the radius of a cylinder is tripled but its curved surface area is unchanged, then its height will be

(a) tripled (b) constant (c) one sixth (d) one third

Q12. If (5, 23) is a solution of the equation $y = ax + 3$, then $a =$

(a) 4 (b) 5 (c) 6 (d) 7

Q13. Euclid belongs to the country :

(a) Babylonia (b) Egypt (c) Greece (d) none of these

Q14. An isosceles right triangle has area 8 cm². The length of its hypotenuse is

(a) $\sqrt{32}$ cm (b) $\sqrt{16}$ cm (c) $\sqrt{48}$ cm (d) $\sqrt{24}$ cm

Q15. The sides of a triangle are 56 cm, 60 cm and 52 cm long. Then the area of the triangle is

(a) 1322 sq.cm

(b) 1311 sq.cm

(c) 1344 sq.cm

(d) 1392 sq. cm

Q.16 AD is a diameter of a circle and AB is a chord. If AD = 34 cm, AB = 30 cm, the distance of AB from the centre of the circle is :

(a) 17 cm (b) 15 cm (c) 4 cm (d) 8 cm

Q.17 The radii of two cylinders are in the ratio of 2:3 and their heights are in the ratio of 5:3. The ratio of their volumes is:

(a) 10 : 17 (b) 20 : 27 (c) 17 : 27 (d) 20 : 37

Q18. The lateral surface area of a cube is 256 m² The volume of the cube is

(A) 512 m³

- (B) 64 m³
- (C) 216 m³
- (D) 256 m³

Q19. Assertion (A): If two lines intersect each other, then vertically opposite angles are equal.

Reason (R): When two lines intersect, the sum of adjacent angles is 180°.

- (a) Both Assertion and Reason are correct and Reason is the correct explanation of Assertion
- (b) Both Assertion and Reason are correct but Reason is not the correct explanation of Assertion
- (c) Assertion is correct but Reason is incorrect
- (d) Assertion is incorrect but Reason is correct

Q 20. Assertion (A): The diameter of a circle is the longest chord of the circle.

Reason (R): The diameter passes through the centre of the circle.

- (a) Both Assertion and Reason are correct and Reason is the correct explanation of Assertion
- (b) Both Assertion and Reason are correct but Reason is not the correct explanation of Assertion
- (c) Assertion is correct but Reason is incorrect
- (d) Assertion is incorrect but Reason is correct

SECTION B

Q.21 – Two lines l and m are perpendicular to the same line n . Are l and m perpendicular to each other? Give reason for your answer.

Q.22 – Find all the angles of an equilateral triangle.

Q.23 - Write the coordinates of the point:

- i) Which lie on the x axis.
- ii) Whose ordinate is 5 and which lies on y axis.

Q.24 – If point C lies between two points A and B such that $AC = BC$, then prove that $AC = \frac{1}{2}AB$. Explain by drawing the figure.

OR

Write four solutions of the equation: $2x + y = 7$.

Q.25 – Evaluate using identity : $(104)^3$.

SECTION C

Q.26 – Find the total surface area of solid cone of radius 7cm and slant height 25 cm.

Q.27 – Find the factors of polynomial $5x^2 - 7x - 3$.

Q.28 - if $a + b + c = 9$ and $ab + bc + ca = 26$, find $a^2 + b^2 + c^2$.

Q.29 – : If $x + y = 12$ and $xy = 27$, find the value of $x^3 + y^3$.

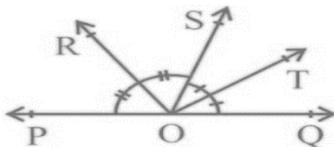
Q.30 A triangular park ABC is inside the campus of green valley apartments. All age group peoples used to visit the park. This park has sides 120m, 80m and 50m. A gardener dhania has to put a fence all around it and also plant grass inside. Based on the above information answer the following questions.

- How much area does he need to plant grass?
- If the shape of the park is similar to equilateral triangle of perimeter 180 m, then what will be the area of the park?

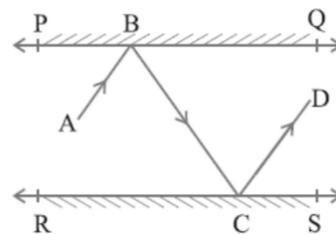
Q.31 Find three different solutions of the equation $2x + y = 6$.

SECTION D

Q.32 i) In the figure, ray OS stands on a line POQ. Ray OR and OT are angle bisectors of $\angle POS$ and $\angle SOQ$, respectively. If $\angle POS = 2a$, find $\angle ROT$



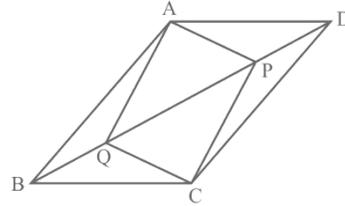
ii) In given figure, PQ and RS are two mirrors placed parallel to each other. An incident ray AB strikes the mirror PQ at B, the reflected ray moves along the path BC and strikes the mirror RS at C and again reflects back along CD. Prove that $AB \parallel CD$.



Q.33 – (i) If $a + b + c = 5$ and $ab + bc + ca = 10$, then find the value of $(a^3 + b^3 + c^3 - 3abc)$.

(ii) if $x^2 + y^2 + z^2 = 30$ and $x+y+z = 0$, find $xy+yz+zx$.

Q.34 In parallelogram ABCD, two points P and Q are taken on diagonal BD such that $DP = BQ$ (see Fig.). Show that:



- (i) $\triangle APD \cong \triangle CQB$
- (ii) $AP = CQ$
- (iii) $\triangle AQB \cong \triangle CPD$
- (iv) $AQ = CP$
- (v) APCQ is a parallelogram

OR

ABC is a triangle right angled at C. A line through the mid-point M of hypotenuse AB and parallel to BC intersects AC at D. Show that:

- (i) D is the mid-point of AC
- (ii) $MD \perp AC$
- (iii) $CM = MA = \frac{1}{2} AB$

Q. 35 .Draw a Frequency Polygon to represent the following grouped frequency distribution :

Age in years	20-24	25-29	30-34	35-39	40-44	45-49	50-54
No.of teachers	10	28	32	48	50	35	12

OR

If $a + b = \frac{17}{6}$ and $ab = 2$ then what is the value of $(a-b)$, where $a > b$?

SECTION E

CASE STUDY1

Q.36 A school is designing a circular garden for students. The garden has a centre O and a radius of 7 m. A straight path AB touches the garden at exactly one point P on the boundary. Another line CD joins two points on the circle but does not pass through the centre.

(a)Based on the information, answer the following questions:

(b) What is the diameter of the circular garden?

(c) What is the name of the line AB that touches the circle at only one point?

OR

(d) What is the name of the line segment CD joining two points on the circle?

If a line passes through the centre and touches the circle at two points, what

CASE STUDY 2

Q.37 A factory makes gift boxes in the shape of a cuboid.

Each box has length = 8 cm, breadth = 5 cm, and height = 4 cm.

Based on this information, answer the following questions:

(a) Find the volume of the gift box.

(b) Find the total surface area of the gift box.

(c) How many edges does a cuboid have?

(d) If another box is made in the shape of a cube with side 5 cm, find its volume.

Which box has greater volume – the cuboid box or the cube.

CASE STUDY 3

Q. 38 Sanjay and his mother visited in a mall. He observes that three shops are situated at P, Q and R as shown in the figure from where they have to purchase things according to their need. Distance between shop P and Q is 8m and distance between shop P and R is 6m. Considering O as centre of the circle.

Answer the following questions

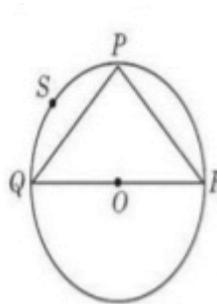
(a) Find the measure of $\angle QPR$

(b) Find the radius of the circle.

OR

Find the perimeter of the circle.

(c) Find the measure of $\angle QSR$



Silver Grave School
ANNUAL EXAMINATION (2025-26)
Class – 9th
Subject – Hindi
M.M. – 100
Time – 3 Hours

निर्देश:

- सभी प्रश्नों के उत्तर लिखिए।
- प्रश्नों के अंक उनके सामने दिए गए हैं।
- लेखन कार्य में स्वच्छता का ध्यान रखें।

खंड - अ (वस्तुनिष्ठ प्रश्न)

प्रश्न 1. गद्यांश पढ़कर उत्तर दीजिए - (5 अंक)

परिश्रम सफलता की कुंजी है। जो व्यक्ति मेहनत करता है, वही जीवन में आगे बढ़ता है। आलस्य मनुष्य का सबसे बड़ा शत्रु है। समय पर किया गया कार्य ही श्रेष्ठ परिणाम देता है। विद्यार्थियों को चाहिए कि वे नियमित अध्ययन करें, तभी वे अपने लक्ष्य को प्राप्त कर सकते हैं।

बहुविकल्पीय प्रश्न:

(क) सफलता की कुंजी किसे कहा गया है?

- (i) धन को
- (ii) परिश्रम को
- (iii) समय को
- (iv) भाग्य को

(ख) मनुष्य का सबसे बड़ा शत्रु क्या है?

- (i) गरीबी
- (ii) आलस्य
- (iii) बीमारी
- (iv) क्रोध

(ग) श्रेष्ठ परिणाम किससे मिलता है?

- (i) देर से काम करने से
- (ii) समय पर काम करने से

(iii) दूसरों की मदद से

(iv) भाग्य से

(घ) विद्यार्थियों को क्या करना चाहिए?

(i) खेलना

(ii) नियमित अध्ययन

(iii) घूमना

(iv) सोना

(ङ) गद्यांश का उचित शीर्षक होगा -

(i) समय का महत्त्व

(ii) परिश्रम का महत्त्व

(iii) विद्यार्थी जीवन

(iv) आलस्य

प्रश्न 2. पद्यांश पढ़कर उत्तर दीजिए - (5 अंक)

वीरों का यह देश हमारा,

साहस जिसका श्रृंगार।

बलिदानों की गाथा गाता,

भारत माँ का हर द्वार।

प्रश्न:

(क) देश का श्रृंगार क्या है?

(i) धन

(ii) साहस

(iii) शक्ति

(iv) शांति

(ख) कविता में किसकी गाथा है?

(i) वीरों की

(ii) किसानों की

(iii) बच्चों की

(iv) सैनिकों की

(ग) 'बलिदान' का अर्थ है -

- (i) हार मानना
- (ii) त्याग करना
- (iii) जीतना
- (iv) डरना

(घ) 'भारत माँ' का प्रतीक है -

- (i) प्रकृति
- (ii) राष्ट्र
- (iii) धरती
- (iv) माता

(ङ) कविता का भाव है -

- (i) दुःख
- (ii) वीरता
- (iii) प्रेम
- (iv) शांति

प्रश्न 3. गद्य पाठ आधारित प्रश्न - (4 अंक)

प्रेमचंद का व्यक्तित्व कैसा था?

- (a) सरल
- (b) घमंडी
- (c) कठोर
- (d) बनावटी

प्रेमचंद का स्वभाव कैसा बताया गया है?

- (a) क्रोधी
- (b) दयालु
- (c) अहंकारी
- (d) उदास

लेखक किस वस्तु को देखकर प्रभावित हुआ?

- (a) टोपी

(b) जूते

(c) चश्मा

(d) कलम

'गोदान' का मुख्य पात्र कौन है?

(a) माधो

(b) होरी

(c) गोबर

(d) लेखक

प्रश्न 4. पद्य आधारित प्रश्न - (4 अंक)

सुबह के समय क्या दिखाई देता है?

(a) धूप

(b) कोहरा

(c) वर्षा

(d) अँधेरा

कवि किसे देखकर दुखी होता है?

(a) गरीब बच्चों को

(b) अमीर लोगों को

(c) किसानों को

(d) सैनिकों को

बाल मजदूरी किसके समान है?

(a) दुर्घटना

(b) खेल

(c) अवसर

(d) परिश्रम

कविता का मुख्य विषय है -

(a) प्रकृति

(b) गरीबी

(c) बाल श्रम

(d) शिक्षा

खंड - ब (वर्णनात्मक प्रश्न)

प्रश्न 5. निम्न प्रश्नों के उत्तर लिखिए - (12 अंक)

1 'रीढ़ की हड्डी' पाठ का मुख्य संदेश लिखिए।

2 'बच्चों का काम पर जाना धरती के एक बड़े हादसे के समान क्यों है?

3 हरिश्चंद्र परसाई. प्रेमचंद का जो शब्द चित्र हमारे सामने प्रस्तुत किया है उससे प्रेमचंद के व्यक्तित्व की कौन सी विशेषताएं उभरकर आती हैं

4 नानी की इच्छा क्या थी?

5 बच्चों का काम पर जाना दुखद क्यों है?

6 तिब्बत का सबसे कठिन स्थान कौन सा है?

प्रश्न 6. अनुच्छेद लेखन - (10 अंक)

किसी एक विषय पर लगभग 200-250 शब्द लिखिए:

I पर्यावरण संरक्षण

II मोबाइल का उपयोग

III मेरा प्रिय शिक्षक

प्रश्न 7. पत्र लेखन - (10 अंक)

किसी एक विषय पर पत्र लिखिए:

I खेल प्रतियोगिता हेतु अनुमति पत्र लिखें

II मित्र को वार्षिकोत्सव का वर्णन करते हुए पत्र लिखें लिखें

प्रश्न 8. संवाद लेखन - (10 अंक)

I परीक्षा के बाद दो मित्रों की बातचीत

II स्वच्छता के महत्व पर संवाद

प्रश्न 9. उपसर्ग-प्रत्यय - (5 अंक)

(क) 'सु' उपसर्ग से दो शब्द बनाइए।

(ख) 'दुः' उपसर्ग से दो शब्द बनाइए।

(ग) 'सुंदरता' में प्रत्यय बताइए।

(घ) 'खिलाड़ी' में प्रत्यय बताइए।

प्रश्न 10. समास व अलंकार - (5 अंक)

I 'राजपुत्र' का विग्रह और समास भेद।

II 'दिन-रात' का समास भेद।

III मानवीकरण का उदाहरण।

VI अनुप्रास का उदाहरण।

V उपमा का उदाहरण।

प्रश्न 11. वाक्य भेद पहचानिए - (5 अंक)

I राम पढ़ रहा है।

II जो पढ़ेगा वही बढ़ेगा।

III सूरज निकला और पक्षी चहके।

VI मैं स्कूल गया।

V जो मेहनत करेगा, सफल होगा।

11 परियोजना कार्य - 20 😊