A. . Fill in each blank with 'may', 'might', 'can', or 'could'.

1. It _____ snow in the hills tonight.

2. She _____ be late due to traffic.

3. _____ I come in, ma'am?

4. He _____ win the race if he practises daily.

5. My father _____ return home early today.

B. Fill in each blank with 'must not' or 'ought not to'.

1. You _____ waste food.

2. We _____ speak loudly in the library.

3. Children _____ play with sharp objects.

4. You _____ ignore your homework.

5. We _____ park our vehicle here.

C. Fill in each blank with 'will', 'shall', 'would', or 'should'.

1. _____ we begin the test now?

2. You _____ consult a doctor if the pain continues.

3. I _____ help you with your project tomorrow.

4. He _____ always help his neighbours.

5. _____ you like to have some water?

D. Complete each sentence using the correct option given in brackets.

1. Birds _____ fly high in the sky. (can, must)

2. _____ I borrow your pen for a minute? (may, should)

3. We _____ reach the station on time to catch the train. (ought to, could)

4. She _____ not attend school today as she is unwell. (might, can)

5. _____ I open the window? (Need, May)

6. My grandmother _____ wake up early every day. (used to, could)

हिंदी

प्रश्न 1. सही विकल्प चुनिए –
(क) लेखक हिमालय को किस रूप में देखता है?
(i) एक साधारण पर्वत
(ii) शक्ति और तपस्या का प्रतीक
(iii) डरावना स्थान
(iv) निर्जन भूमि

प्रश्न 2. संक्षिप्त उत्तर दीजिए –
(क) हिमालय की चोटी पर पहुँचकर लेखक को कैसा अनुभव हुआ?

प्रश्न 3. 'हिमालय की चोटी पर' पाठ से हमें क्या प्रेरणा मिलती है?
(3–4 वाक्य)

प्रश्न 4. रिक्त स्थान भरिए –
(क) अच्छे विचार जीवन को _____ दिशा देते हैं।
(ख) विचार ही व्यक्ति के _____ का निर्माण करते हैं।

प्रश्न 5. सही / गलत लिखिए –
(क) नकारात्मक विचार व्यक्ति को कमजोर बनाते हैं।
(ख) विचारों का जीवन पर कोई प्रभाव नहीं पड़ता।

प्रश्न 6. अच्छे विचारों के दो लाभ लिखिए ।

प्रश्न 7. निम्नलिखित प्रश्नों के उत्तर दीजिए –
(क) शिवाजी को 'शेर' क्यों कहा गया है?
(ख) शिवाजी के किन गुणों से हम प्रेरणा लेते हैं?

प्रश्न 8. एक वाक्य में उत्तर दीजिए –
(क) शिवाजी का सबसे बड़ा उद्देश्य क्या था?

प्रश्न 9. सही विकल्प चुनिए –
(क) आर्यभट्ट किस क्षेत्र के महान विद्वान थे?
(i) साहित्य
(ii) गणित और खगोल विज्ञान
(iii) चिकित्सा
(iv) राजनीति

प्रश्न 10. संक्षिप्त उत्तर दीजिए –
(क) आर्यभट्ट के दो प्रमुख योगदान लिखिए।

प्रश्न 11. आर्यभट्ट का जीवन हमें क्या संदेश देता है?
(3–4 वाक्य)

प्रश्न 12. रिक्त स्थान भरिए –

(क) भक्ति पद में _____ के प्रति प्रेम और समर्पण की भावना व्यक्त होती है।

प्रश्न 13. संक्षिप्त उत्तर दीजिए –

(क) भक्ति पदों की भाषा सरल क्यों होती है?

प्रश्न 14. भक्ति काव्य का मुख्य भाव क्या है?

(3–4 वाक्य)

संस्कृत

प्रश्न1. अधोलिखितं गद्यांशं पठित्वा प्रदत्तान् प्रश्नान् उत्तरत् ।

वनं अतीव सुन्दरम्। तत्र वृक्षाः उच्चैः उन्नताः सन्ति। पक्षिणः तत्र गानं कुर्वन्ति। नदीः शान्ता सरितां यथा वहति। बालकाः तत्र क्रीडन्ति च। सूर्यः तेजसा प्रकाशयति। वनं मानवेषु आनन्दं जनयति।

स्नानं कर्तुं जलाशयः अपि सन्नद्धः। फलं, पुष्पं च बहुता दृश्यन्ते। मृगाः मृदु चरणैः वनं विचरन्ति। मधुमक्षिकाः पुष्पाणि भ्रमन्ति। हरीणाः शान्तिपूर्वकं चरन्ति। सर्वे जीवः सुखेन वसन्ति।

वनस्य शीतल वायुः हृदयम् आनन्दयति। पतङ्गाः रंगीना पंखैः आकाशे उड्डीयन्ति। वृक्षेषु फलं पक्वं द्रष्टुं शक्यते। मानवाः तत्र विश्रामं कुर्वन्ति

(i) वनं कति सुन्दरम् अस्ति?

(ii) बालकाः किम् कुर्वन्ति?

(iii) मधुमक्षिकाः कुत्र गन्ति?

(iv) पतङ्गाः कथम् आकाशे उड्डीयन्ति?

(v) मानवाः वनस्य मध्ये किं कुर्वन्ति?

प्रश्न2.अधोलिखितानां अव्ययपदानां अर्थाः लिखत ।

(क) शनैः   (ख) यदा

(ग) अपि   (घ) कुतः

प्रश्न 3. . द्वौ दैनन्दिन शब्दाः नामानि लिखत।

प्रश्न 4अधोलिखितान् संवादान् मञ्जूषायां प्रदत्तशब्दैः पूरयत ।

(मञ्जूषा – रोटिकां, विद्यालयं ,गृहं ,फलं, उद्याने)

मनीषाः नमस्ते! त्वम् कुत्र गच्छसि?
सुधीरः अहं _____ गच्छामि। त्वम् कुत्र गच्छसि?
मनीषाः अहं अपि _____ गच्छामि। त्वं किं खादसि?

सुधीरः: अहं _____ खादामि। भवती किं खादति?
मनीषाः: अहं अपि _____ खादामि। चल क्रीडामः _____ ।

प्रश्न 5 निम्न संख्यावाचक शब्दाः लिखत।

(i) 55   **(ii) 76**   **(iii) 85**   **(iv) 94**

MATHEMATICS

Q1. How many faces does a cube have?

Q2. Write the number of edges in a cuboid.

Q3. Name the solid shape that has only one curved surface.

Q4. Find the perimeter of a square with side 5 cm.

Q5. Write the formula for the area of a rectangle.

Q6. Write the number of faces, edges, and vertices of a cone.

Q7. Find the perimeter of a rectangle whose length is 8 cm and breadth is 5 cm.

Q8. Draw and name a net of a cube.

Q9. Find the area of a square whose side is 6 cm.

Q10. Differentiate between a prism and a pyramid (any three points).

Q11. A rectangular park has a length of 12 m and a breadth of 8 m. Find:
(a) Perimeter
(b) Area

Q12. Draw the top view, front view, and side view of a cube.

Q13.The floor of a room is rectangular in shape. Its length is 10 m and breadth is 6 m.
(a) Find the perimeter of the floor.
(b) Find the area of the floor.
(c) If tiles of size 1 m × 1 m are used, how many tiles are required to cover the floor?

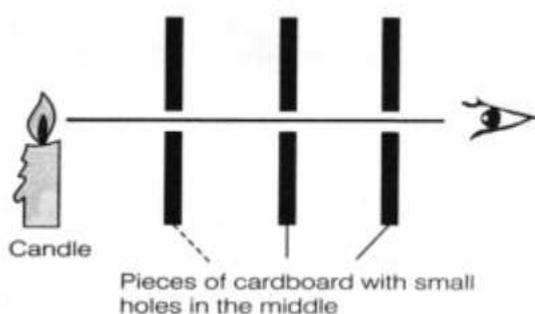Q14. Draw the net of a cuboid and label all its faces. Also, write the number of:
(a) Faces
(b) Edges
(c) Vertices

Q15. A school playground is in the shape of a square. Each side is 25 m.
(a) Find the perimeter of the playground.
(b) Find the area of the playground.
(c) If fencing costs ₹20 per metre, find the total cost of fencing the playground.

SCIENCE

Q1. Why are convex mirrors preferred as rear-view mirrors in vehicles?

Q2. A doctor uses a mirror to examine a patient's throat.
    a. Which mirror is used?
    b. Why is this mirror suitable for the purpose?

Q3. Riya was playing in the school playground when she fell and got a small cut on her knee. After a few minutes, the bleeding slowly stopped on its own, and a thin layer formed over the wound.
    a. Which component of blood helped to stop bleeding?
    b. Name two other components of blood.
    c. State one function of each of them.

Q4. A child stands in front of a mirror and notices that the distance between him and his image remains the same even when he moves closer to the mirror.
    a. Which type of mirror is this?
    b. State the rule of reflection that explains this observation.

Q5. A rough surface does not form a clear image. Explain why.

Q6. A blue coloured dye is added to water in which a leafy plant is kept. After some time, the veins of leaves turned coloured.
    a. Name the tissue involved in this process.
    b. What does this activity prove?

Q7. During running, a student starts breathing faster and his heartbeat also increases. This helps his body get more oxygen quickly to the working muscles.
    a. Why does this happen?
    b. Which system helps in transporting more oxygen?

Q8. A shopkeeper wanted to fix a mirror which will give a maximum view of his shop. What type of mirror should he use? Give reason.

Q9. An object is placed 8 m in front of a plane mirror. Find the distance between the object and its image.

Q10. Which characteristic of light is shown in the given activity?

Candle

Pieces of cardboard with small holes in the middle

SOCIAL SCIENCE

A. Fill in the blanks.

1. _____ are held on a fixed day of the week.
2. Goods sold in the malls are _____.
3. Weekly markets sell goods at _____ prices.
4. RTI Act was passed in the year_____.
5. Media should do the _____ reporting.
6. Television and radio are examples of_____ media.

7. River Brahmaputra originates from the _____ lake.

8. River Amazon originates from _____ mountain range.

B. State whether the following statements are true or false.

1. Print media includes radio and television.
2. The technological advancement of mass media has led to the rapid transmission of information across the world.
3. Media groups earn money to fund their activities through advertisements.
4. Weekly markets sell goods at very high prices.
5. The traders in a market earn equal incomes.

D. Answer in one word.

1. What is the place where buyers and sellers meet called?
2. What type of market sells goods directly from producers to consumers?
3. What do we call goods that are bought and sold in the market?
4. Which type of media reaches a large number of people at the same time?

C. Answer the questions in brief.

1. What is a market?
2. What is online market?
3. What is electronic media?
4. How do media gets money to function?

INFORMATION TECHONOLOGY

Q.1 Choose the Correct Answer (MCQs)

1. **Data is a collection of**
   a) Games   b) Facts and information
   c) Computers   d) Robots
2. **Artificial Intelligence means**
   a) Natural thinking   b) Human intelligence shown by machines
   c) Internet usage   d) Computer hardware
3. **Which of the following is an example of AI?**
   a) Calculator   b) Washing machine
   c) Voice assistant   d) Fan

Q.2 Match the Following

Column A	Column B
1. Data Science	a. Helps machines think
2. Artificial Intelligence	b. Uses data to find patterns
3. Chatbot	c. Talks to users
4. Recommendation System	d. Suggests movies or videos

Q.3 Fill in the Blanks

(Use the words: data, machines, decisions, AI)

1. _____ is raw information.
2. _____ helps machines learn from data.
3. AI is used to make smart _____.
4. Artificial Intelligence allows _____ to act like humans.

Q.4 Write any three examples where you see AI around you:

1. _____
2. _____
3. _____

**Q.5 Draw a picture showing AI helping humans (in school, hospital, or home).
Write 2 lines describing your drawing.**

✏️ **Drawing Space**

ARTIFICIAL INTELLIGENCE

Unit: Python

Practice Questions

Section A – Multiple Choice Questions (MCQs)

Q1. What is Python?

a) A type of snake

b) A programming language

c) A hardware device

d) An operating system

Q2. Which of the following is the correct file extension for Python files?

a) .txt   b) .java   c) .py   d) .cpp

Q3. Which function is used to display output on the screen in Python?

a) input()   b) show()   c) print()   d) display()

Q4. What will be the output of the following code? print(5 + 3)

a) 5 + 3   b) 8   c) 53   d) Error

Q5. Which symbol is used for comments in Python?

a) //   b) #   c) /* */   d) --

Section B – Short Answer Type Questions

Q1. What is Python? Write any two features of Python.

Q2. Write a Python program to print your name.

Q3. What is the difference between print() and input() functions in Python?

Q4. What are variables in Python? Give an example.

Q5. Write a Python program to add two numbers 15 and 20 and print the result.