

SAMPLE PAPER– 2026-27(SET–B)
CLASS - VII
SUBJECT –MATHEMATICS

TIME: 3 HOURS

M.M.: 80

General Instructions:

1. This question paper contains 38 questions divided into five sections: A, B, C, D, and E.
2. Section A comprises 20 MCQs (Q1 to Q20) of 1 mark each. Q19 and Q20 are Assertion-Reason questions.
3. Section B comprises 5 Very Short Answer questions of 2 marks each with 2 internal choices.
4. Section C comprises 6 Short Answer questions of 3 marks each with 2 internal choices.
5. Section D comprises 4 Long Answer questions of 5 marks each with 2 internal choices.
6. Section E comprises 3 Case-Based integrated units of assessment of 4 marks each.
7. All questions are compulsory. Internal choice has been provided in some questions.

SECTION A: MULTIPLE CHOICE QUESTIONS (20 × 1 = 20 Marks)

Q1. How many millions make 10 crores in the International numbering system?

- (a) 1 million (b) 10 millions (c) 100 millions (d) 1000 millions

Q2. Evaluate the value of the arithmetic statement: $60 - [42 - \{40 / 4 - (8 - 12 / 3)\}]$?

- (a) 24 (b) 22 (c) 34 (d) 18

Q3. The value of $0.04 \times 0.5 \times 2.5$ is:

- (a) 0.05 (b) 0.5 (c) 0.005 (d) 5.0

Q4. Express 8 cm in kilometres using decimal representation:

- (a) 0.00008 km (b) 0.0008 km (c) 0.008 km (d) 0.000008 km

Q5. The place value of 4 in the decimal numeral 135.2468 is:

- (a) 4/10 (b) 4/100 (c) 4/1000 (d) 40

Q6. Simplify the following expression: $(-15) \times (-3) + (-36) / 9$.

- (a) 41 (b) 49 (c) -41 (d) 45

Q7. The algebraic expression for '4 more than thrice a number y' is written as:

- (a) $4 + 3y$ (b) $3(y + 4)$ (c) $3 - 4y$ (d) $4y + 3$

Q8. If two parallel lines are cut by a transversal, then the interior angles on the same side of the transversal are always:

- (a) Equal (b) Complementary (c) Supplementary (d) Adjacent

Q9. In a magic grid, a row contains the integers -8, y, and 3. If the row sum constant is -6, then y is:

- (a) -1 (b) 1 (c) -2 (d) 0

Q10. An angle is equal to one-third of its supplement. Find the measure of this angle:

- (a) 30° (b) 45° (c) 60° (d) 90°

Q11. If the angles of a triangle are in the ratio 1:2:3, the triangle must be a/an:

- (a) Isosceles triangle (b) Equilateral triangle
(c) Right-angled triangle (d) Obtuse-angled triangle

Q12. The product of a mixed fraction $2 \frac{1}{3}$ and its multiplicative inverse is:

- (a) $\frac{7}{3}$ (b) $\frac{3}{7}$ (c) 1 (d) 0

Q13. Subtract $5x - 2y$ from $2x - 7y$. The result is:

- (a) $-3x - 5y$ (b) $3x + 5y$ (c) $-3x + 5y$ (d) $3x - 5y$

Q14. If two lines intersect and one angle measures 55° , find its vertically opposite angle measurement:

- (a) 125° (b) 55° (c) 35° (d) 180°

Q15. The lengths of two sides of a triangle are 6 cm and 9 cm. The third side length must lie between:

- (a) 3 cm and 15 cm (b) 2 cm and 12 cm
(c) 4 cm and 14 cm (d) 1 cm and 10 cm

Q16. What fraction of an hour is 20 minutes?

- (a) $\frac{1}{2}$ (b) $\frac{1}{3}$ (c) $\frac{1}{4}$ (d) $\frac{1}{5}$

Q17. If $p = -1$ and $q = 2$, what is the value of the algebraic expression $2p^3 + 3q^2$?

- (a) 10 (b) 14 (c) -10 (d) 12

Q18. The sum of a fraction $\frac{4}{9}$ and its additive inverse is:

- (a) 1 (b) 0 (c) -1 (d) $\frac{9}{4}$

Direction for Q19 & Q20: Choose the correct option:

- (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.

Q19. Assertion (A): The product of 1.2 and 0.5 is 0.60.

Reason (R): The product of any two decimal numbers always has more digits than the sum of the digits in individual multipliers.

Q20. Assertion (A): An obtuse-angled triangle can have at most one obtuse angle.

Reason (R): The sum of all three interior angles of a triangle is always fixed at 180° .

SECTION B: VERY SHORT ANSWER QUESTIONS ($5 \times 2 = 10$ Marks)

Q21. Simplify using bracket expansion rules: 102×98 without direct long multiplication. [2 Marks]

Q22. Convert 0.125 into a vulgar fraction in its lowest/simplest reduced form. [2 Marks]

OR

Evaluate the value of the expression: $100.5 - 24.36 + 8.004$. [2 Marks]

Q23. Write a formal numerical statement using literal variables: 'Thrice the square of x is added to the product of 4 and y '. [2 Marks]

Q24. In a given diagram, two lines AB and CD are parallel and cut by transversal line t . If one of the co-interior angles is 115° , find its adjacent consecutive interior angle. [2 Marks]

OR

Find the supplement of an angle measuring 72° . [2 Marks]

Q25. Simplify the following fraction sequence multiplication: $3\frac{1}{5} \times 2\frac{3}{8}$. [2 Marks]

SECTION C: SHORT ANSWER QUESTIONS ($6 \times 3 = 18$ Marks)

Q26. Write the largest and smallest 8-digit numbers possible using the digits 3, 1, 0, 6, 9, 4, 7, 5 without repetition, and find their difference in the International system notation. [3 Marks]

Q27. Simplify the nested expression by solving step-by-step using BODMAS priority rules:
 $75 \div [15 - \{20 - (24 - 8 \div 2)\}]$ [3 Marks]

Q28. Add the following algebraic polynomials: $3x^2 + 5xy - 2y^2$, $-xy + 4y^2 - 8$, and $-x^2 - xy + 3$. [3 Marks]

OR

Subtract $(4x^2 - xy + 3y^2)$ from the sum of $(2x^2 + 3xy)$ and $(x^2 - y^2)$. [3 Marks]

Q29. A two-wheeler covers a total distance of 145.2 km using 4.4 litres of petrol. Calculate the distance it can cover using 1 litre of petrol. [3 Marks]

Q30. In a triangle PQR, angle P is thrice as large as angle Q, and angle R is five times as large as angle Q. Calculate the degree measures of all three interior angles. [3 Marks]

OR

In a right-angled triangle, the two acute angles are in the ratio 2:3. Find the measurements of both acute angles. [3 Marks]

Q31. A standard tailoring pattern requires a linen sheet piece of length $2 \frac{1}{4}$ metres. If a boutique store has a master bolt containing 36 metres of linen, how many complete patterns can be cut? [3 Marks]

SECTION D: LONG ANSWER QUESTIONS ($4 \times 5 = 20$ Marks)

Q32. A cooperative seed bank distributes 6,25,000 grain pouches into uniform agricultural storage crates. If each crate holds exactly 125 pouches, how many total crates are filled? If 25 filled crates are loaded onto a distribution truck, how many trucks are needed to clear the warehouse stock? [5 Marks]

OR

Solve the complex multi-bracketed phrase explicitly using step-by-step validation layout:
 $180 - 4 \times [30 + \{45 - (60 \div 5 \times 3)\}]$ [5 Marks]

Q33. Two parallel lines p and q are cut by a transversal line t. If one of the interior angles on the same side of the transversal is modeled as $(4x + 15)^\circ$ and the other is $(x + 40)^\circ$, find the value of x and evaluate the measurements of both angles. [5 Marks]

Q34. Simplify the complex rational expression by executing sequential fraction additions and subtractions:
 $[5 \frac{1}{2} - 1 \frac{3}{4}] \div [2 \frac{1}{3} + 1 \frac{1}{6}]$ [5 Marks]

OR

An oil container contains $10 \frac{1}{4}$ litres of refined cooking oil. Out of this stock, $4 \frac{1}{2}$ litres was used on Saturday and $3 \frac{3}{8}$ litres was used on Sunday. Find the exact remaining volume of oil left inside the container. [5 Marks]

Q35. Evaluate the exact numerical valuation of the algebraic polynomial $3x^3 - 4x^2y - xy^2 + 2y^3$ when $x = -2$ and $y = 1$. [5 Marks]

SECTION E: CASE-BASED INTEGRATED QUESTIONS ($3 \times 4 = 12$ Marks)

Q36. Case Study 1: The Cryptic Matrix Challenge

In a talent quiz, a 3x3 balance grid is provided where every horizontal row, vertical column, and corner-to-

corner diagonal must sum up to the exact same negative integer constant. The grid cells are partially populated such that Row 1 reads $[-4, x, -6]$, Row 2 reads $[y, -5, -3]$, and Row 3 reads $[-4, -9, z]$.

1. Find the magic sum constant by processing the fully complete matrix lines, and calculate the values of placeholders x and y . **[2 Marks]**
2. Determine the value of placeholder z , and evaluate the final absolute calculation of $(x - y + z)$. **[2 Marks]**

Q37. Case Study 2: Bridge Truss Layout

A civil engineer drafts a cross-bracing steel support frame for an overhead pedestrian walkway bridge. The structure uses symmetric isosceles triangular frames. The vertex joint angle connecting the main deck tension cables measures exactly 50° .

1. Calculate the precise degree measure of each base support angle. State the geometric property utilized. **[2 Marks]**
2. If the lower foundation alignment chord is extended past the bridge node, calculate the exact measure of the resulting exterior angle. **[2 Marks]**

Q38. Case Study 3: Chemical Dispenser Logistics

A quality control lab isolates a master batch containing 22.75 litres of anti-corrosive compound. The robotic arm is calibrated to dispense this entire volume uniformly into 35 glass vials for long-term stress testing.

1. How many litres of compound are injected into each separate glass vial? Write your answer in exact decimal terms. **[2 Marks]**
2. If 8 vials are removed from the batch for immediate standard testing, find the total volume of compound contained in the remaining glass vials. **[2 Marks]**

SAMPLE PAPER– 2026-27(SET–B)

CLASS - VII

SUBJECT –G.K

TIME: 3 HOURS

M.M.: 80

General Instructions:

- The question paper is divided into two sections: Section A (Objective) and Section B (Subjective).
- All questions are compulsory.
- Read all the questions carefully before attempting.

Section A: Objective (50 Marks)

Q1. Multiple Choice Questions (MCQs) (2 × 10 = 20 Marks)

1. It is the smallest breed of dog :

- a) Pointer b) Chihuahua c) Beagle d) Toy Poodle

2. It is the smallest primate :

- a) Mouse Lemur b) Dormouse c) Tarsier d) Marmoset

3. This is also known as golden fig :

- a) Dragon tree b) Strangler fig c) Peepal Tree d) Banayan Tree

4. This is the language with the most number of letters :

- a) Sanskrit b)Hawaiian c) English d) Chinese

5. A huge mud giant that may break into a city and plunder it is :

- a) Betal b) Golem c) Cyclots d) Ogre

6. The most commonly used word in English is :

- a) The b) A c) And d) Of

7. This Hindi poetess is often called the modern Meera :

- a) Aruna Sharma b) Mahadevi Varma c) Subhadra Kumari Chauhan d) Srojani Naidu

8. The unit of 'ohm' is used to measure :

- a) Temperature b)Resistance c) Voltage d) Current

9. Wilhelm Roentgen discovered X-ray machine. He belong to :

- a) Germany b) Italy c) M.P. d) A.P.

10. The Simlipal Tiger Sanctuary is in :

- a) Haryan b) Odisha c) Uttar Pradesh d) Bihar

Q2. Fill in the Blanks (2 × 5 = 10 Marks)

- 1 . _____scored most runs in Single IPL season.
2. _____designed the city of Chandigarh.
3. _____won the 2022 FIFA World Cup.
- 4 . World Ozone Day is celebrated on_____.
5. The movie 'Pather Panchali' was directed by_____.

Q3. Match the Following ($2 \times 5 = 10$ Marks)

Match the items in Column A with their correct options in Column B:

Column A	Column B
1. Earth Day	A. December 5
2. World Environment Day	B. September 16
3. International Tiger Day	C. June 5
4. World Ozone Day	D. July 29
5. World soil Day	E. April 22

Q4. Tick(✓) the correct statements and cross (✗) out the others. ($2 \times 5 = 10$ Marks)

1. Posture is something that adults or teenagers should worry about. ()
2. Improving posture allows the body to function properly. ()
3. Our weight has no effect on our posture. ()
4. Women's high-heeled shoes/sandals can cause poor and unhealthy posture. ()
5. Poor posture is associated with increased health problems in older adults. ()

Section B: Subjective (20 Marks)**Q5. Write 'GA' for good appearance and 'BA' for bad appearance. ($2 \times 5 = 10$ Marks)**

1. Neatly combed hair []
2. Unpolished shoes []
3. Clean hands []
4. Dirty school uniform []
5. Clean handkerchief []

Q6. Current Affairs (2 × 5 = 10 Marks)

1. Which is the smallest continent?
2. Which is the national tree of India?
3. Which country built the Great Wall?
4. Which is the deepest ocean in the world?
5. Which bird is known as the King of Birds?

Section C: Objective (10 Marks)

Q7. Answer the following questions in 1-2 sentences: (2 × 5 = 10 Marks)

1. Where was 2022 FIFA World Cup held ?
2. Which Country won the 2022 FIFA World Cup ?
3. Which player won the Golden Boot Award in the FIFA World Cup 2022 ?
4. Who won the Golden Ball award in the FIFA World Cup 2022 ?
5. Which three countries will host the 2026 FIFA World Cup tournament ?

SAMPLE PAPER– 2026-27(SET–B)

CLASS - VII

SUBJECT –Computer

TIME: 3 HOURS

M.M.: 80

General Instructions:

- The question paper is divided into two sections: Section A (Objective) and Section B (Subjective).
- All questions are compulsory.
- Read all the questions carefully before attempting.

Section A: Objective (30 Marks)

1. Multiple Choice Questions (MCQs)

[1x10=10]

- a. Which number system is used by computers for processing data ?
- I. Decimal ii. Binary iii. Hexadecimal
- b. What is the value of hexadecimal 'F' in decimal ?
- I. 14 ii. 15 iii. 16
- c. Which unethical practice involves copying someone else's work without permission?
- I. Hacking ii. Phishing iii. Plagiarism
- d. What is the unauthorized reproduction or distribution of copyrighted software called ?
- I. Software Piracy ii. Cyberbullying iii. Plagiarism
- e. Which unethical practice involves online harassment and intimidation ?
- I. Cyberbullying ii. Spamming iii. Hacking
- f. Which symbol is used to start a formula in MS Excel?
- I. # ii. = iii. @
- g. Which function is used to find the total in MS Excel?
- I. AVG () ii. MAX () iii. SUM ()
- h. Which of the following is used to create mobile apps?
- I. App Inventor ii. Paint iii. Notepad
- i. What does AI stand for?
- I. Artificial Internet ii. Automatic Information iii. Artificial Intelligence
- j. Which AI device can understand voice commands?
- I. Keyboard ii. Mouse iii. Virtual Assistant

d. Fill in the Blanks:

[1x10=10]

- a. The_____allows app developers to test their apps without using an actual device.
- b. AI allows machines to _____ from data and make decisions based on that data.
- c. A_____is a program that can talk to users and help them with tasks.

- d. _____ AI is designed to perform specific tasks, like Siri or Google Search.
- e. The technology behind AI that allows machines to understand human speech is called_____.
- f. The decimal number system uses_____ digits.
- g. The hexadecimal number system uses_____symbols.
- h. The ASCII encoding scheme uses_____ bits to represent a character.
- i. _____refers to the principles and guidelines governing ethical behaviour in the use of computers and and the internet.
- j. Apps can be created using platforms like_____ and_____.

e. Write T for true and F for False statement:

[1x10=10]

- a. Cross-platform apps save time and effort for developers.
- b. UI stands for User Interface, and UX stands for User Experience.
- c. AI systems can only perform tasks that they are specifically programmed to do.
- d. General AI can perform a wide range of tasks, just like a human.
- e. The technology behind self-driving cars is an example of Narrow AI.
- f. The binary number system uses 2 symbols: 0 and 1.
- g. The ASCII code can represent up to 256 characters.
- h. In hexadecimal, the letter 'A' is equal to 11 in decimal.
- i. Cyberbullying involves unauthorized access to computer systems.
- j. Individual right to privacy is not a concern in the digital age.

Section B: Subjective (50 Marks)

4 .Answer the following question in one word .(DO ANY 5)

[3 ×5= 15]

- a) What is the name of the AI system used by Apple to respond to voice commands ?
- b) What term describes AI that can understand and interpret human language ?
- c) Which type of AI can perform only specific tasks, like playing chess or recommending movies ?
- d) What do we call the name of a cell (A1, B3) ?
- e) Name the function used to join two text strings.
- f) Which reference is written as \$A\$1 ?

5. Answer the following question in brief . (DO ANY 6)

[5x6=30]

- a.) What are the advantages of using web apps compared to desktop and mobile apps .
- b.) Explain the difference between Narrow AI and General AI with examples. How does each one function in real life ?
- c.) What role does AI play achieving the Sustainable Development Goal (SDG) of Quality Education ? Explain with examples.
- d.) What is a function ? Write the syntax of any two functions.
- e.) Describe the steps involved in the app development cycle.
- f.) Explain how to create a mobile app using Appy Pie include the major steps involved.
- g.) Describe the process of creating simple AI chatbot. What steps do you follow, and how does the chatbot improve its responses?

6. Write the full form.

[1 x 5 = 5]

- a.) SSD b.) UI c.) ML d.)OS e) HDD

SAMPLE PAPER– 2026-27(SET–B)
CLASS - VII
SUBJECT –English

TIME: 3 HOURS

M.M.: 80

Gen. Instructions:

The Question paper contains three sections:

Sec A: Reading

Sec B: Grammar + Writing

Sec C: Literature

Attempt questions based on specific instructions for each part.

Sec A: Reading

Q 1: Read the passage given below:

(10 marks)

Mohammad Ali was a renowned professional boxer and activist. He was born on 17 Jan 1942 in Louisville, Kentucky. His real name was Cassius Marcellus Clay Jr. His training as an amateur boxer began when he was only 12 years old. He won his first gold medal at the 1960 Summer Olympics in Rome and became a professional boxer since then

He converted to Islam and changed his name to Muhammad Ali. He believed that his Cassius Clay was his slave name.

He was an active member during Civil Rights movements in America where he worked for the African-Americans.

Ali generated a controversy when he refused to be listed in the U.S. military. He was arrested and out of the boxing ring for nearly four years.

Based on your reading of the passage given above, answer the following questions:

1. Where was Muhammad Ali born?

- | | |
|-------------------------|--------------------|
| A. Rome | B. New York |
| C. Louisville, Kentucky | D. Washington D.C. |

2. What was Muhammad Ali's real name?

- | | |
|----------------|-------------------------------|
| A. Mike Tyson | B. Cassius Marcellus Clay Jr. |
| C. Joe Frazier | D. George Foreman |

3. At what age did Ali begin training as a boxer?

- | | |
|-------------|-------------|
| A. 10 years | B. 15 years |
| C. 12 years | D. 18 years |

4. In which event did he win his first gold medal?

- | | |
|-----------------------|-----------------------|
| A. Asian Games | B. Commonwealth Games |
| C. Olympics 1960 Rome | D. World Championship |

5. Why was Muhammad Ali kept out of boxing for nearly four years?

- | | |
|--|-----------------------------|
| A. Due to injury | B. Due to retirement |
| C. Due to refusing U.S. military service | D. Due to lack of training. |

Q2: Read the poem given below:

(10 marks)

It soon began to cling and crawl
straight up with strong endeavour,
But down it came with a slippery

sprawl,
as near to the ground as ever.
up, up it ran; not a second to
stay,
to utter the least complaint;
Till it fell still lower, and
there lay, A little dizzy and
faint.
Its head grew steady — again it
went
and travelled a half-yard higher.
'T was a delicate thread it had
to tread,
and a road where its feet
would tire.

**Read the poem given above,
answer the following questions:**

1. What is the main action described in the passage?

- | | |
|-----------------------------|--------------------------------------|
| A. A bird flying in the sky | B. A creature trying to climb upward |
| C. A man walking on a road | D. A child playing on the ground |

2. What happens when the creature tries to climb?

- | | |
|----------------------------------|-------------------------------|
| A. It reaches the top easily | B. It flies away quickly |
| C. It falls down again and again | D. It stops trying completely |

3. How does the creature feel after falling lower?

- | | |
|----------------------|---------------------|
| A. Angry and upset | B. Dizzy and faint |
| C. Happy and excited | D. Calm and relaxed |

4. What does the phrase “a delicate thread” suggest?

- | | |
|---------------------------|--------------------------|
| A. A strong and wide road | B. A soft and risky path |
| C. A broken bridge | D. A smooth highway |

5. What quality of the creature is shown in the poem?

- | | | |
|-------------|---------|------------------|
| A. Laziness | B. Fear | C. Determination |
|-------------|---------|------------------|

Section - B "Grammar and writing" (10 Marks)

Q3: Attempt any ten of the following:

(i) (Change into simple sen.)

Were not they reading history?

(ii) She had not left the place.

(Change as directed)

(iii) Ramesh had given some biscuits to the poors.

(Passive voice)

(iv) They offered some support to me. (Passive)

(v) (Fill the Correct articles) (a/an/the)

She was offering ---- book to me.

(vi) Ramesh was one of ---- best guys.

(vii) Exam will be finished within ---- week.

(Use the Correct form of Verbs)

- (viii) I have been ---- chess for hours. (play)
(ix) She was so ---- hard for herself. (work)
(x) Raj had ---- himself in a very good position.

Q 4: Write an essay on the great nation of India.

Hints:- Range, Religion, National heritage, Ideal for the rest of the world.

(10 marks)

Q 5:- Read the following lines: Give the main sense.

(8 marks)

- (i) Time is money.
(ii) Work is worship.
(iii) Respect enhances the output of a person.
(iv) Green plants are true guardians.

Section C

Q 6: Give the Answers of the followings:

(8 marks)

- (i) What does the poet wish to convey by highlighting the unusual behaviour of the funny man?
(ii) Why did Mr Sharma not believe Anand when he spoke about his time machine?
(iii) How did Anand's parents and sisters react to his ideas?
(iv) What prompted Anand to create the burglar alarm?

Q7: Give the answer in (30-40) words:

(10 marks)

- (i) What does Mary's comment about Mr Best's routine?
(ii) What can we infer about Mary's understanding of polite conversation?
(iii) What do you think the repeated words "no one speaks"?
(iv) What prompted Anand to create the burglar alarm?
(v) How did Anand's parents and sisters react to his ideas?

Q8: Give the answer in Detail:

(14 marks)

- (i) Why did Mr Sharma not believe Anand when he spoke about his time machine?
(ii) Give an ending to the story, explaining what might have happened to Boppa?

निर्देश:-

- प्रश्न-पत्र को ध्यानपूर्वक पढ़ें।
- प्रश्न- पत्र चार खण्डों में विभक्त है-खण्ड 'क', 'ख', 'ग' और 'घ' ।
- सभी प्रश्नों के अंक उनके सम्मुख अंकित हैं।
- सभी प्रश्नों के उत्तर देने अनिवार्य हैं।
- उत्तर लिखने से पूर्व सही प्रश्न संख्या अवश्य डालें।

“खण्ड” – ‘क’ (अपठित अवबोध)**प्रश्न 1- दिए गए “अपठित” गद्य खण्ड को ध्यान पूर्वक पढ़ें और पूछे गए प्रश्नों के सही उत्तर दें:- (5x1=5)****“अपठित गद्यांश”**

सिद्धार्थ का जन्म एक राजपरिवार में हुआ था, उनके पिता कपिलवस्तु के राजा थे। छोटी-सी अवस्था में ही वे राजसुख को त्याग कर अमरता की खोज में निकल पड़े थे। कठिन तपस्या के बाद बोधगया में स्थित वृक्ष के नीचे राजकुमार सिद्धार्थ को ज्ञान की प्राप्ति हुई थी। इसलिए, इस वृक्ष को ‘बोधि वृक्ष’ कहा जाने लगा। बोधि का अर्थ होता है- ज्ञान। बाद में राजकुमार सिद्धार्थ ही आगे चलकर महात्मा बुद्ध के नाम से विख्यात हुए। इस बोधि वृक्ष को देखने दूर-दूर से लोग आते हैं।

प्रश्न

(क) सिद्धार्थ के पिता कहाँ के राजा थे ?

- १) मिथिला २) कपिलवस्तु ३) वैशाली

(ख) राजकुमार सिद्धार्थ किसकी खोज में गए थे?

- १) शांति की २) धन की ३) अमरता की

(ग) महात्मा बुद्ध का वास्तविक नाम क्या था?

- १) राजकुमार सिद्ध २) सिद्धार्थ ३) ज्ञान

(घ) बोधि वृक्ष का नाम किस प्रकार पड़ा ?

(ड.) दिए गए शब्दों के पर्यायवाची रूप गद्यांश में से ढूँढ़कर लिखिए- प्रसिद्ध, ज्ञान।

प्रश्न 2- दिए गए “अपठित काव्यांश” को ध्यान पूर्वक पढ़ें और पूछे गए प्रश्नों के सही उत्तर दें:- (5x1=5)**“अपठित काव्यांश”**

आ रही हिमालय से पुकार है

उदधि गरजता बार-बार

प्राची पश्चिम भू नभ अपार

सब पूछ रहे दिग-दिगंत
वीरों का कैसा हो वसंत ?
फूली सरसों ने दिया रंग
मधु लेकर आ पहुँचा अनंग
वधु वसुधा पुलकित अंग-अंग
है वीर देश में किंतु कंत
वीरों का कैसा हो वसंत ?

प्रश्न

- (क) सागर गरजकर बार-बार क्या पूछ रहा है ?
(ख) फूली सरसों ने क्या किया है ?
(ग) किस पंक्ति से पता चलता है कि कामदेव मधु लेकर उपस्थित हो गया है ?
(घ) प्रस्तुत पद्यांश से 'पति' तथा 'समुद्र' का समानार्थी रूप ढूँढ़कर लिखिए।
(ङ) कौन-कौन पूछ रहा है कि वीरों का वसंत कैसा हो ?

“खण्ड” – ‘ख’ (पठित अवबोध)

प्रश्न 3-दिए गए “पठित गद्य-खण्ड को ध्यानपूर्वक पढ़ें और पूछे गए प्रश्नों के उत्तर दें:-

(5x1=5)

“पठित गद्यांश”

हमारी यह धरती भी इसी तरह की खूब बड़ी गुल्लक है। मिट्टी की बनी इस विशाल गुल्लक में प्रकृति वर्षा के मौसम में खूब पानी बरसाती है। तब रुपयों से भी कई गुना कीमती इस वर्षा को हमें इस बड़ी गुल्लक में जमा कर लेना चाहिए। हमारे गाँव में, शहर में जो छोटे-बड़े तालाब, झील आदि हैं, वे धरती की गुल्लक में पानी भरने का काम करते हैं। इनमें जमा पानी जमीन के नीचे छिपे जल के भंडार में धीरे-धीरे रिसकर, छनकर जा मिलता है। इससे हमारा भूजल भंडार समृद्ध होता जाता है। पानी का यह खजाना हमें दिखता नहीं, लेकिन इसी खजाने से हम बरसात का मौसम बीत जाने के बाद पूरे साल भर तक अपने उपयोग के लिए घर में, खेतों में, पाठशाला में पानी निकाल सकते हैं। लेकिन एक दौर ऐसा भी आया जब हम लोग इस छिपे खजाने का महत्व भूल गए और जमीन के लालच में हमने अपने तालाबों को कचरे से पाटकर, भरकर समतल बना दिया। देखते-ही-देखते इन पर तो कहीं मकान, कहीं बाजार, स्टेडियम और सिनेमा आदि खड़े हो गए। प्रश्न

- (क) धरती की तुलना किससे की गई है और क्यों?
(ख) वर्षा का पानी धरती की गुल्लक में जमा करने का कार्य कौन-कौन करते हैं?
(ग) तालाबों और झीलों में जमा पानी भूजल भंडार तक कैसे पहुँचता है?
(घ) बरसात के बाद पूरे वर्ष पानी का उपयोग हम किन-किन स्थानों पर करते हैं?
(ङ) लोगों ने तालाबों को नष्ट करके उनकी जगह क्या-क्या बना दिया?

काव्यांश

हैं जन्म लेते जगह में एक ही,
एक ही पौधा उन्हें है पालता।
रात में उनपर चमकता चाँद भी,
एक हीसी चाँदनी है डालता ॥-
मेह उनपर है बरसता एक,सा-
एकसी उनपर हवाएँ हैं बहीं।-
पर सदा ही यह दिखाता है हमें,
ढंग उनके एकसे होते नहीं।-

प्रश्न

- (क) कविता में कवि ने फूल और काँटे में क्या समानता दिखाई है?
(ख) फूल और काँटे में भिन्नता का पता किस पंक्ति से चलता है?
(ग) चाँद फूल और काँटे से किस प्रकार भेदभाव नहीं करता ?
(घ) 'मेह' शब्द के दो समानार्थी रूप लिखिए।
(ङ) दिए गए शब्दों के विलोम रूप पद्यांश में से ढूँढ़कर लिखिए-मृत्यु, दिन।

प्रश्न 5- नीचे दी गई पंक्तियों में से किसी एक को ध्यानपूर्वक पढ़िए और विचार कीजिए कि आपको इनका क्या अर्थ समझ में आया हैदोनों पंक्तियों पर अपने विचार लिखिए। ?

(5x1=5)

पंक्तियाँ

- (क) “देखो! उन्होंने एक बार भी आकर नहीं पूछा कि तू क्या खाएगा? पूछते तो मैं साबूदाने की खीर ही तो माँगता। कोई ताजमहल तो नहीं माँग लेता। लेकिन नहीं! भूखे रहो !! इससे सारे विकार निकल जाएँगे। विकार निकल जाएँ बस। चाहे इस चक्कर में तुम खुद शिकार हो जाओ।”

अथवा

- (ख) “हुआ विवाद सदय-निर्दय में,
उभय आग्रही थे स्वविषय में,
गई बात तब न्यायालय में,
सुनी सभी ने जानी।”

प्रश्न 6- दिए गए अति लघु उत्तरीय प्रश्नों में से किन्हीं पांच प्रश्नों के उत्तर दें-

(5x1=5)

- (क) “मैथिली शरण गुप्त” के किन्हीं दो प्रमुख रचनाओं के नाम बताइए।
(ख) लोक कथा की कोई दो विशेषताएं बताइए।

- (ग) "अयोध्या सिंह उपाध्याय हरिऔध" का जन्म कब और कहां हुआ था?
 (घ) 'वार्ड' शब्द का क्या अर्थ है।
 (ङ) कविता के अंत तक पहुंचते-पहुंचते-पहुंचते बच्चों को क्या समझ में आने लगता है?
 (च) कविता में घायल पक्षी की कहानी का उपयोग किस लिए किया गया है?

प्रश्न 7-दिए गए प्रश्न में से किन्हीं दो प्रश्नों के उत्तर दें।

(2× 4 = 8)

- (क) ऊंट के स्वामी ने भाइयों पर तुरंत संदेश क्यों किया? आपके विचार से उसे क्या करना चाहिए था जिससे उसे अपना ऊंट मिल जाता है?
 (ख) "है खटकता एक सब की आँख में, दूसरा है सोहता सुर शीश पर।" लोग कैसे स्वभाव के व्यक्तियों की प्रशंसा करते हैं और कैसे स्वभाव वाले व्यक्तियों से दूर रहना पसंद करते हैं?
 (ग) जल चक्र की प्रक्रिया कैसे पूरी होती है?
 (घ) जब बच्चा बीमार पड़ने का बहाना बनाकर बिस्तर पर लेटा रहा तो उसके मन में कौन-कौन से भाव आ रहे थे?

खंड 'ग' (व्याकरण अवबोधन)

प्रश्न 8-सर्वनाम शब्दों को रेखांकित कर उनके भेद के नाम लिखिए।

(5×1=5)

- (क) मेरा घोड़ा सबसे तेज दौड़ता है।
 (ख) तुम्हारे लिए हरी सब्जियां खरीदी हैं।
 (ग) यह मनोज का ही भाई है।
 (घ) कौन शोर मचा रहा है?
 (ङ) जो अच्छा लगे, वह करो।

प्रश्न 9- कोष्ठक में दिए गए शब्द एक वचन है या बहुवचन, बताएं।

(5×1=5)

- (क) मैंने एक लोटे में (पानी) डाला।
 (ख) (ईमानदारी) सफलता की सीढ़ी है।
 (ग) बाहर बहुत से (लोग) खड़े हैं।
 (घ) (सत्य) की सदा जीत होती है
 (ङ) (प्रत्येक) वस्तु का अलग मूल्य है।

प्रश्न 10-दिए गए समस्त पदों का विग्रह करके समास का नाम लिखिए।

(5×1=5)

- (क) यथाशक्ति
 (ख) चंद्रमुख
 (ग) भयमुक्त
 (घ) लंबोदर
 (ङ) नीलकमल

प्रश्न 11-दिए गए प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर दें।

(5×3=15)

- (क) व्यक्तिवाचक संज्ञा और जातिवाचक संज्ञा में क्या अंतर है?

- (ख) प्रत्यय किसे कहते हैं? हिंदी में यह कितने प्रकार का होता है?
(ग) लिंग की परिभाषा तथा प्रकार बताइए। समास किसे कहते हैं?
(घ) कारक की परिभाषा बताते हुए इसके भेद के नाम लिखिए

खंड 'घ' (रचनात्मक कार्य)

प्रश्न 12-दिए गए विषय में से किसी एक विषय पर पत्र लिखें।

(6x1=6)

(क) अपने मित्र को जन्म दिवस के अवसर पर बधाई देते हुए एक पत्र लिखें।

अथवा

(ख) बीमारी के कारण एक सप्ताह के अवकाश के लिए प्रधानाध्यापक को पत्र लिखिए।

प्रश्न 13-किसी एक विषय पर लगभग 80 शब्दों में अनुच्छेद लिखें।

(6x1=6)

(क) समाचार पत्रों की उपयोगिता

अथवा

(ख) आदर्श विद्यार्थी

निर्देशाः

- प्रश्नपत्रं सम्यक् पठन्तु।
- सम्पूर्ण प्रश्नपत्रं चतुर्धा विभक्तं भवति।
- यत्र प्रत्येकस्य प्रश्नस्य विरुद्धं अङ्काः सूचिताः सन्ति ।
- उत्तरं लिखितुं पूर्वं सम्यक् प्रश्नसङ्ख्यां प्रविशन्तु।

खंड 'क' (अपठित अवबोधनम्)

प्रश्न -1 दत्तं अपठितं खण्डं सम्यक् पठन्तु खण्डस्य आधारेण पृष्ठानां प्रश्नानाम् उत्तरं च ददतु। , (5)

अपठित गद्यांश-

एकदा एकः कृषकः स्वक्षेत्रे कार्यं करोति स्म। तस्य क्षेत्रे बहवः वृक्षाः आसन्। सः प्रतिदिनं वृक्षान् जलं सिञ्चति स्म। एकस्मिन् दिने एकः पथिकः तत्र आगच्छत्। सः अत्यन्तं तृषितः आसीत्। कृषकः तस्मै शीतलं जलं फलानि च अददात्। पथिकः प्रसन्नः अभवत्। सः कृषकस्य प्रशंसाम् अकरोत्। कृषकः अवदत् परोपकारः एव मनुष्यस्य श्रेष्ठः धर्मः—
“अस्ति।

प्रश्नाः

- (क) कृषकः कुत्र कार्यं करोति स्म ?
- (ख) क्षेत्रे के आसन् ?
- (ग) पथिकः कथम् आसीत् ?
- (घ) कृषकः पथिकाय किं अददात् ?
- (ङ) मनुष्यस्य श्रेष्ठः धर्मः कः अस्ति ?

प्रश्न -2 दत्तं अपठितं काव्यखण्डं सम्यक् पठन्तु तथा च काव्यस्य आधारेण पृष्ठानां प्रश्नानाम् उत्तरं ददतु। (5)

अपठित पद्यांशम्

वने वने हरिणाः धावन्ति,
गगने पक्षिणः पतन्ति।
सरसि कमलानि शोभन्ते,
मधुपाः गुंजनं कुर्वन्ति॥
ग्रामे बालकाः क्रीडन्ति,
कृषकाः क्षेत्रेषु श्रमन्ति।
परिश्रमः सफलतां ददाति,
आलस्यं दुःखस्य कारणम्॥

प्रश्नाः

- (क) कुत्र हरिणाः धावन्ति ?
- (ख) गगने के पतन्ति ?
- (ग) सरसि कानि शोभन्ते ?
- (घ) कृषकाः कुत्र श्रमन्ति ?
- (ङ) दुःखस्य कारणं किम् अस्ति ?

खंड 'ख' (पठित अवबोधनम्)

प्रश्न -3 दत्तं पठनखण्डं सम्यक् पठन्तु गद्याधारितं प्रश्नानाम् उत्तरं च ददातु। ,

(5)

पठित गद्यांशं

एकस्याः नद्याः तटे रजकाः वस्त्राणि क्षालयन्ति स्म। तेषां रजकानाम् एकः शङ्कः नाम रजकः आसीत्। सः यदा कदा उपहासे विचित्रां वार्तां कथयति स्म। यः तां वार्ताम् आकर्णयति स्म, सः हसति स्म, तस्य बुद्धेः प्रशंसां च करोति स्म।

एकदा शङ्कः उच्चैः अन्यान् रजकान् आकारयत्- "भोः भोः रजकाः! मकरः जङ्घां गृहीत्वा जलमध्ये माम् आकर्षति।" सत्वरम् आगच्छत मां च रक्षत।

इतः ततः सर्वतः च रजकाः तस्य रक्षायै तं प्रति अधावन्। यदा ते तस्य समीपे अगच्छन् तदा स उच्चैः अहसत् अवदत् च "अहं युष्मान् मूर्खान् अकरवम्।"

प्रश्नाः

- (क) रजकाः कुत्र वस्त्राणि क्षालयन्ति स्म ?
- (ख) शङ्कुः कः आसीत् ?
- (ग) जनाः शङ्कस्य वार्तां श्रुत्वा किं कुर्वन्ति स्म?
- (घ) शङ्कः किम् उक्त्वा अन्यान् रजकान् आकारयत् ?
- (ङ) शङ्कुः अन्ते किम् अवदत् ?

प्रश्न -4 दत्तं खण्डं सम्यक् पठन्तु तदनन्तरं ये प्रश्नाः सन्ति तेषां उत्तरं ददातु। ,

(5)

पद्यांशः-

पादैः पिबामि, खादामि दूषितं पवनं सदा।

तिष्ठामि सुस्थिरो भूमौ, न च गच्छामि कुत्रचित्।।

क्वचित् प्रस्तरतुल्योऽस्मि, क्वचिच्च तरलं पुनः।

क्वचित् वायुसमं सूक्ष्मं, मां पश्यन्ति सदा जनाः ।।

प्रश्नाः

- (क) कः पादैः पिबति ?
- (ख) कः दूषितं पवनं खादति ?
- (ग) कः भूमौ सुस्थिरः तिष्ठति ?
- (घ) कः क्वचित् प्रस्तरतुल्यः भवति ?

(ङ) जनाः कं सदा पश्यन्ति ?

प्रश्न 5- शुद्ध विकल्पं रिक्तस्थाने लिखत।

(5)

- (क) सः गृहम् _____।(अगच्छः/अगच्छत्)
(ख) त्वं गङ्गायां स्नानम् _____।(अकरवम् / अकरोः)
(ग) अहं मातामहस्य गृहम् _____।(अगच्छत् / अगच्छम्)
(घ) त्वं पत्रम् _____।(अलिखम् / अलिखः)
(ङ) रमेशः गृहकार्यम् _____।(अकरोः / अकरोत्)

प्रश्न 6- पाठानुसारं रिक्तस्थानानि पूरयत।

(5)

- (क) हिमालयः _____ अस्ति।
(ख) अस्यां _____ अपि एकता सर्वत्र दृश्यते।
(ग) अहमपि तव _____ करिष्यामि।
(घ) एकदा सिंहः _____ जालेन बद्धः अभवत्।
(ङ) तदा सः _____ तत् जालम् अकृन्तत्।

प्रश्न-7 निम्नलिखितप्रश्नेषु पञ्चसु प्रश्नेषु सम्पूर्णवाक्योतराणि लिखन्तु।

(10)

- (क) मकरः शङ्कु कुत्र आकर्षत्?
(ख) मकरः कम् अभक्षयत् ?
(ग) असत्यस्य कीदृशः परिणामः भवति?
(घ) जनस्य हर्षातिरेकस्य अभिव्यक्तिः कथं भवति?
(ङ) अस्यां नद्यां स्नानेन किं भवति ?
(च) गङ्गायाः अन्यानि कानि नामानि सन्ति ?

खण्ड 'ग' (व्याकरणम् अवबोधनम्)

प्रश्न -8 कोष्ठकस्थधातूनां तुमुन् प्रत्ययान्तरूपेण रिक्तस्थानानि पूरयत।-

(5)

- (क) भोजनं _____ गच्छामि।(कृ)
(ख) पाठं _____ तिष्ठामि।(पठ्)
(ग) चित्रं _____ गच्छामि।(दृश्)
(घ) धनं _____ इच्छसि।(दा)
(ङ) जलं _____ इच्छामि।(पा)

प्रश्न 9- शुद्धम् अशुद्धम् वा लिखत।

(5)

उदाहरणम् -सः मूषकः अवदत्।शुद्धम्

- (क) एतत् आकर्ष्य सिंहः अहसताम्।
(ख) सिंहः दयया तम् अमुञ्चन्।
(ग) सिंहः जालेन बद्धः अभवत्।
(घ) सिंहः मुक्तः अभवत्।
(ङ) प्रसन्नः भूत्वा सः अवदः।

प्रश्न 10- अधोलिखितानां पदानां विभक्तिं वचनं च लिखत ।

(10)

- (क) हर्षातिरेकस्य
- (ख) अभिव्यक्तिः
- (ग) उत्सवेषु
- (घ) नृत्यानि
- (ङ) देवालयेषु

खंड 'घ' (रचनात्मकम् कार्यम्)

प्रश्न -11 अधोलिखितानां पञ्चानां वाक्यानां संस्कृते अनुवादं कुर्वन्तु।

(10)

- (क) कथक नृत्य का प्रसार मुगल काल में हुआ था।
- (ख) रामायण के लेखक आदि कवि वाल्मीकि हैं।
- (ग) भारत हमारा देश है।
- (घ) राम विद्यालय जाती हैं।
- (ङ) मां भोजन पका रही है।
- (च) अध्यापक पढ़ रहे हैं।
- (छ) बच्चे खेल रहे हैं।
- (ज) दादाजी बगीचे में टहल रहे हैं।

प्रश्न 12- दत्तशब्दरूपेषु यस्य कस्यचित् शब्दरूपं लिखत।

(10)

- (क) तत्-वह (स्त्रीलिंग)
अथवा
- (ख) एतत्- यह (पुल्लिंग)

SAMPLE PAPER– 2026-27(SET–B)
CLASS - VII
SUBJECT –SCIENCE

TIME: 3 HOURS

M.M.: 80

General instruction

- i. This question paper consists of 39 questions in 5 sections.
- ii. All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.
- iii. Section A consists of 20 objective type questions carrying 1 mark each.
- iv. Section B consists of 6 Very Short questions carrying 02 marks each.
- v. Section C consists of 7 Short Answer type questions carrying 03 marks each.
- vi. Section D consists of 3 Long Answer type questions carrying 05 marks each.
- vii. Section E consists of 3 Questions case study-based Questions of 04 marks each.

SECTION A: Multiple Choice Questions (MCQs)

Each question carries 1 Mark. (20×1=20 Marks)

1-The aqueous solution of one of the following will turn the red rose indicator from light red to green. This solution is of:

- (a) vinegar (b) baking soda (c) lemon juice (d) carbonic acid

2-Which one of the following four metals is used in making electrical cables?

- (a) zinc (b) silver (c) copper (d) magnesium

3-A basic oxide will be formed by the element:

- (a) sulphur (b) phosphorus (c) potassium (d) carbon

4-A good conductor of electricity is:

- (a) copper (b) graphite (c) iodine (d) both a and b

5-Rusting can take place in:

- (a) presence of air (b) presence of acids (c) presence of moisture (d) both a and c

6-Which of the following elements is non-metal?

- (a) sodium (b) sulphur (c) zinc (d) silver

7-Which of the following elements will produce an oxide that will dissolve in water to form an acid?

- (a) carbon (b) calcium (c) aluminum (d) copper

8-Which of the following is not a characteristic property of iron?

- (a) malleability (b) brittleness (c) ductility (d) sonorousness

9-Which one of the following changes can be reversed?

- (a) water changing into ice (b) nails becoming rusty
(c) bread turning mouldy (d) paper burning into ash

10-Which of the following is a chemical change?

- (a) lifting up a chair (b) filling a glass with orange juice
(c) cooking a pot of rice (d) bursting a balloon

11-An irreversible change takes place when:

- (a) salt is added to water (b) charcoal burns
(c) ice melts (d) an iron nail is magnetised

12-One of the following is not a combustible substance. This one is:

- (a) alcohol (b) hydrogen (c) asbestos (d) chaff

13-Which among the following is a desirable change?

- (a) decaying of garbage (b) souring of milk
(c) making curd from milk (d) rotting of fruits

14-Which of the following will lead to changes which cannot be reversed?

A. addition of water to salt | B. addition of water to cement | C. addition of water to plaster of Paris | D. pouring of water on hot iron rim of a cart wheel

(a) A and B (b) B and C (c) C and D (d) A and D

15-Which of the following changes cannot be reversed to obtain the original objects?

A. inflating a balloon | B. bursting a balloon | C. melting of wax | D. burning of wax

(a) A and B (b) B and C (c) C and D (d) B and D

16-Which of the following types of energy can be converted easily into mechanical energy, sound energy, heat energy and light energy?

(a) kinetic energy (b) potential energy (c) electrical energy (d) magnetic energy

17-When electricity passes through a bulb, it gives off:

A. sound | B. light | C. electricity | D. heat

(a) A and B (b) B only (c) B and C (d) B and D

The questions below consist of an. assertion and a reason. Use the following. key to choose the appropriate answer.

(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.

18-Assertion (A): Aluminium foil is used for food packing.

Reason (R): Aluminium is highly malleable.

19-Assertion (A): Curd formation from milk is reversible.

Reason (R): A new substance is formed during curd formation.

20-Assertion (A): Adolescence is a period of rapid physical and emotional changes.

Reason (R): Hormones control many changes that occur during adolescence.

SECTION B: Very Short Answer Type Questions

Each question carries 2 Marks. (6×2=12 Marks)

21-What is salt? Name any two salts.

22-Give one use each of the following metals: (a) Iron, (b) Mercury.

23-What are combustible and non-combustible substances?

24-What happens when sulphur burns in air? State the nature of the product formed.

25-Name two things which may develop on the face of adolescent boys and girls during puberty due to increased activity of glands.

26-Name the hormone which lowers the blood sugar in humans. Name the gland which secretes this hormone.

SECTION C: Short Answer Type Questions

Each question carries 4 Marks. (7×3=21 Marks)

27-State whether the following statements are true or false:

(a) Nitric acid turns red litmus blue.

(b) Sodium hydroxide turns blue litmus red.

(c) Tooth decay is caused by the presence of a base.

(d) Change of colour in an acid or base depends on the type of indicator used.

28-Explain why, if we touch the test tube immediately after carrying out the neutralisation reaction of an acid and a base in it, it is found to be somewhat hot.

29-Explain why calamine solution is applied on the skin where an ant bites. 30-State one uses each of the following non-metals: (a) Oxygen, (b) Nitrogen, (c) Sulphur, (d) Chlorine.

31-How will you show that air is necessary for combustion?

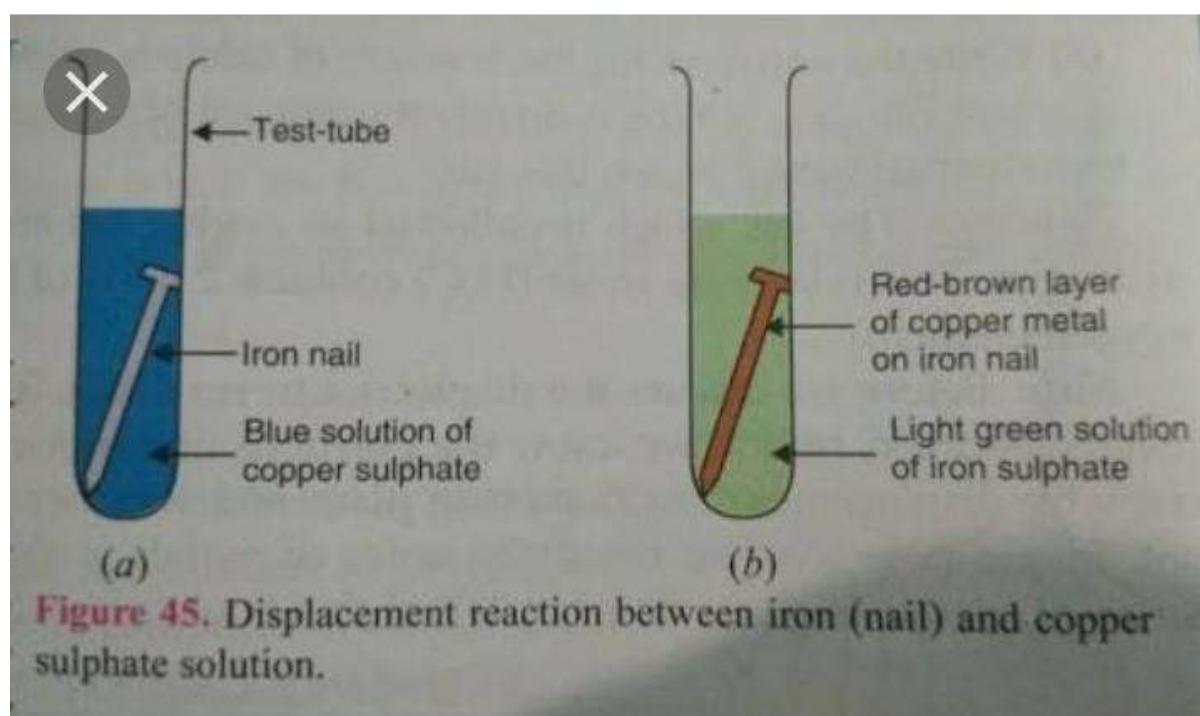
32-Why do dry leaves catch fire easily?

33-State two secondary sexual characteristics in mature boys and two in mature girls.

SECTION D: Long Answer Type Questions

Each question carries 6 Marks. (3×5=15 Marks)

34- Observe the figure and answer the following question



a) What change will you observe in the colour of the solution after dropping an iron nail into it?

b) Why do we observe the colour change in solution?

c) What causes brown deposition on iron nail?

d) Write the word equation involved in the above reaction.

35-(a) What are metals and non-metals? Give examples.

(b) Classify the following as metals or non-metals: Sodium, Sulphur, Carbon, Copper, Nitrogen, Aluminium, Iron, Magnesium, Oxygen, Chlorine, Gold.

36-(a) Where are the following glands located in the human body?

(i) Pituitary | (ii) Thyroid | (iii) Pancreas | (iv) Adrenals

(b) Define (i) primary sexual characteristics, and (ii) secondary sexual characteristics in humans.

Section-E

Case study types of questions

(3×4 Marks =12 Marks)

37-During a laboratory activity, students tested different materials using a hammer and an electric circuit. Sulphur powder broke into pieces when hit with a hammer, while aluminium foil changed shape without breaking. Copper wire allowed electricity to pass through the circuit, but sulphur did not.

Questions:

- (a) Which material in the activity is brittle?
- (b) Which property of aluminium is shown when it changes shape without breaking?
- (c) Why did the bulb glow when copper wire was used?
- (d) Which type of element is sulphur — metal or non-metal?

38-In coastal areas, people collect sea water in shallow ponds. Due to sunlight and heat, water evaporates slowly, leaving behind white crystals of salt.

Questions:

- (a) Which process separates salt from sea water?
- (b) Is evaporation a physical or chemical change?
- (c) Why is no new substance formed in this activity?
- (d) What happens to the water during evaporation?

39-Aman is 14 years old. He often skips breakfast and eats chips, noodles, and soft drinks daily. Recently, he feels tired in school and is unable to concentrate properly. His doctor advised him to eat a balanced diet rich in proteins, vitamins, minerals, and iron.

Questions:

- (a) Why is a balanced diet important during adolescence?
- (b) Which nutrient is mainly needed for body growth and muscle development?
- (c) Name one iron-rich food that Aman should eat.
- (d) What may happen if adolescents regularly eat junk food?

SAMPLE PAPER– 2026-27(SET–B)
CLASS - VII
SUBJECT –SOCIAL SCIENCE

TIME: 3 HOURS

M.M.: 80

General Instructions:

- All questions are compulsory.
- Read the questions carefully before answering.
- Write neat and clean answers.
- Draw labelled diagrams wherever necessary.
- Marks are indicated against each question.

Section A – MCQs (10 Marks)

- I. Which range separates the Northern Plains from the Peninsular Plateau?
A. Shiwalik B. Vindhyas C. Himalayas D. Western Ghats
- II. Which layer of the atmosphere is most important for weather phenomena?
A. Stratosphere B. Mesosphere C. Troposphere D. Exosphere
- III. Which region of India has a temperate climate with mild summers and cool winters?
A. Thar Desert B. Western Ghats C. Himalayan Hill Stations D. Northern Plains
- IV. An ancient city has remains of a moat, fortification and narrow gateways. What was the most likely purpose of these features?
A. Defence and control of movement B. Decoration of the city
C. A place of religious rituals D. Storage of grains
- V. What does the Shah Gaura Copper Plate Inscription record?
A. The building of granaries for famine relief B. Ashoka's edicts on non-violence
C. Alexander's tribute list D. Nanda taxation policies
- VI. What does the concept of Punya Kshetra refer to?
A. A political capital B. A fertile farming area
C. A sacred geographical space D. A pilgrimage tax region
- VII. Which goal would distinguish a democracy from an oligarchy?
A. Maintaining prosperity of all citizens B. Concentrating wealth in few families
C. Passing power through inheritance D. Following religious laws strictly
- VIII. Rye stones of Yap worked as money mainly because:
A. They were easy to carry B. They were edible in famine
C. They could be melted into tools D. Everyone accepted their recorded ownership
- IX. What lesson from the Hampi Bazaar still applies to modern trade?
A. Only royal cities can have markets B. Foreign travellers created Indian markets
C. Trade happens only for food items D. Markets thrive where there is variety and cultural exchange
- X. Which tribal community regards mountain peaks, shola forests and even individual trees as sacred?
A. Todas B. Gond C. Santhal D. Bhils

Section B – Assertion and Reason (5 Marks)

The following questions consist of two statements: Assertion (A) and Reason (R). Answer these questions by selecting the correct option.

- 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.

I. Assertion (A): Satavahana coins depict ships with sails.

Reason (R): Maritime trade was an important part of the Satavahana economy.

II.

Assertion (A): Pilgrims, traders and scholars crossing paths helped spread stories, goods and ideas.

Reason (R): Such interactions built a sense of one country and one culture.

III.

Assertion (A): The judiciary must remain independent.

Reason (R): Independence allows courts to check misuse of power by the legislature and executive.

IV.

Assertion (A): People accept paper notes and digital balances mainly due to trust and legal backing.

Reason (R): Legal tender status and widespread acceptance create confidence that others will also accept the same money.

V.

Assertion (A): The government sets maximum prices for certain medicines.

Reason (R): This prevents sellers from overcharging consumers.

Section C – True / False (5 Marks)

(1 Mark Each)

- I. The twelve Jyotirlingas are dedicated to Vishnu.
- II. If the same group makes, enforces and judges laws, democracy becomes stronger.
- III. Rai stones of Yap were tiny and carried in pockets.
- IV. A weekly haat or bazaar is an example of a physical market.
- V. Surat is called the Diamond City of India only because it sells jewellery.

Section D – Fill in the Blanks (5 Marks)

(1 Mark Each)

- I. A market can be a physical space or an ____ platform.
- II. ____ means the ability to split goods into smaller parts for smaller exchanges.
- III. A government ruled by religious leaders according to sacred law is called a ____.
- IV. The scientific name of the Peepul tree is ____, meaning “the religious fig tree.”
- V. The Kushan ruler Kanishka is remembered as a great patron of ____, which spread widely during his reign.

Section E – Very Short Answer Questions (10 Marks)

(1 Mark Each)

- I. Why is the Thar Desert sparsely populated?
- II. What is the role of the Indian Meteorological Department (IMD)?
- III. What role does topography play in the rainfall pattern of the Western Ghats?
- IV. What evidence does archaeology provide about cities like Sisupalgarh?
- V. Name any two resources obtained from forests that strengthened Magadh’s power.

- VI. In what ways did Kharavela's rule promote both strength and peace in Kalinga?
- VII. What makes the Pandharpur Wari pilgrimage special?
- VIII. What might happen if a theocratic government rules over people of many faiths?
- IX. What is the main idea behind John Maynard Keynes' quote on money?
- X. What are retailers and why are they important?

Section F – Short Answer Questions (10 Marks)

(2 Marks Each)

- I. How does the government ensure that goods are safe for buyers?
- II. What is digital money?
- III. What is the main difference between a democracy and monarchy?
- IV. How can students contribute to cleaner pilgrimage towns without losing devotion?
- V. How did religion influence art and architecture during this period?

Section G – Long Answer Questions (20 Marks)

(4 Marks Each)

- I. Explain how markets connect people and promote cooperation. Why do some people still use barter today, even when money exists? Give examples.
- II. Explain how the source of power shapes a government's nature.
- III. Explain the importance of trees, forests and sacred groves in Indian tradition. How did they help in conserving nature and culture?
- IV. Discuss Kautilya's Arthashastra Theory of the State and how it reflects the realities of governance.
- V. Evaluate how Ashoka's Dhamma promoted unity among diverse communities.

Section H – Case Based Questions (6 Marks)

Read the passage carefully and answer the following questions:

Trust in Paper

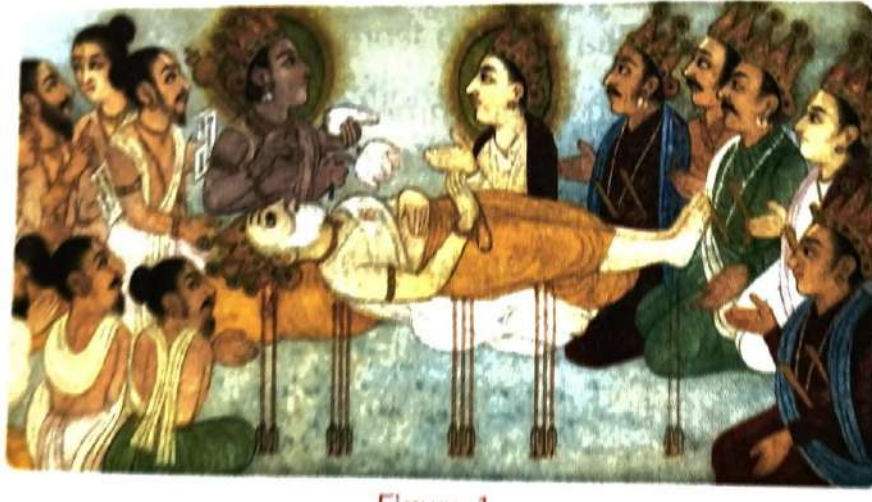
Anika's grandfather shows her an old ₹10 note and asks, "Do you think this piece of paper has value?" Anika laughs, "Only because people believe in it!" He nods and explains that the Reserve Bank of India (RBI) guarantees its value. "Long ago," he adds, "money was gold and silver, but now trust and government backing make paper notes valuable." Anika realises that money's worth depends not on what it is made of, but on people's confidence that everyone will accept it.

- (a) Why do people accept paper money even though it is just paper?
- (b) Which institution in India guarantees the value of notes?
- (c) What type of money did societies use before paper notes?
- (d) What idea does this story teach about money's value?

Section I – Picture Based Questions (5 Marks)

Observe the figures carefully and answer the following questions:

- I. Figure 1 shows Bhishma giving his final teachings, often called the "Shanti Parva."
 - (i) What quality of a good ruler does this moment highlight?
- II. Name the epic from which the scene in Figure has been taken.



Section J – Map Work (4 Marks)

On the outline map of India, locate and label the following places:

Delhi

Lucknow

Patna

Goa