

SAMPLE PAPER– 2026-27(SET–C)
CLASS - VIII
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. What is the smallest number by which 396 must be multiplied to make it a perfect square?

- (a) 2 (b) 3 (c) 11 (d) 5

Q2. Evaluate the value of the cube root of the integer expression: -1000.

- (a) 10 (b) -10 (c) 100 (d) -100

Q3. Find the simplified value for the exponential sequence: $(5/6)^{(-2)} \times (6/5)^4$.

- (a) $(6/5)^6$ (b) $(5/6)^6$ (c) 1 (d) $(6/5)^2$

Q4. Express the decimal fragment value 0.000000854 in standard scientific notation:

- (a) $8.54 \times 10^{(-7)}$ (b) $8.54 \times 10^{(-6)}$ (c) $85.4 \times 10^{(-8)}$ (d) $0.854 \times 10^{(-6)}$

Q5. How many continuous non-square integers lie between the squares of 24 and 25?

- (a) 48 (b) 49 (c) 50 (d) 24

Q6. Which of the following numbers is a perfect cube digit option?

- (a) 27 (b) 36 (c) 49 (d) 60

Q7. If a three-digit layout is written as abc, then the generalized expression value is:

- (a) $100a + 10b + c$ (b) $100c + 10b + a$ (c) $a+b+c$ (d) abc

Q8. A parallel quadrilateral with all 4 sides matching but corner angles not necessarily fixed at 90 degrees is a:

- (a) Rectangle (b) Rhombus (c) Square (d) Trapezium

Q9. The consecutive angles of a parallelogram are always:

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

Q10. If an integer 5A61 is completely divisible by 3, find the smallest possible choice for A:

- (a) 0 (b) 3 (c) 6 (d) 9

Q11. Find the degree of the algebraic polynomial statement: $7a^4 - 2a^3b^3 + 5b^2$:

- (a) 4 (b) 6 (c) 3 (d) 2

Q12. Multiply the operational monomials: $(-4xy^2) \times (3x^3y)$. The product fields:

- (a) $-12x^4y^3$ (b) $12x^4y^3$ (c) $-12x^3y^2$ (d) $-7x^4y^3$

Q13. If $x:y = 5:6$ and $y:z = 9:10$, find the compound ratio $x:z$:

- (a) 1:2 (b) 3:4 (c) 5:4 (d) 2:3

Q14. Ten automated looms can finish a textile patch order in 12 hours. How long will 15 matching looms take?

- (a) 18 hours (b) 8 hours (c) 6 hours (d) 5 hours

Q15. Divide the expression block $(18a^4b^3 - 24a^3b^4)$ by the monomial component $(6a^2b^2)$:

- (a) $3a^2b - 4ab^2$ (b) $3ab - 4a^2b$ (c) $3a - 4b$ (d) $6ab$

Q16. If an integer has its last two digits divisible by 4, under number play logic it is completely divisible by:

- (a) 2 (b) 4 (c) 8 (d) 6

Q17. Subtract the binomial expression $(5x^2 - 2xy)$ from $(3x^2 + 7xy)$. The outcome is:

- (a) $-2x^2 + 9xy$ (b) $2x^2 - 9xy$ (c) $8x^2 + 5xy$ (d) $-2x^2 - 9xy$

Q18. If a convex polygon contains exactly 5 sides (pentagon), the sum of all its interior angles equals:

- (a) 360° (b) 540° (c) 720° (d) 900°

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 square root of the decimal number 0.09 is 0.3.

Reason (R): Squaring any decimal with one decimal index place yields a two-place fractional number.

Q20. Assertion (A): A trapezium is never a parallelogram.

Reason (R): A trapezium contains exactly one pair of parallel opposite boundary edges, whereas a parallelogram requires both pairs to be parallel.

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

Q21. Find the square root of 14.44 using the prime factorization structural setup method. [2 Marks]

Q22. Simplify and express the index statement with a positive exponent value:

$(5^{(-3)} \times 6^{(-3)} \times 2^4) / (2^{(-2)} \times 15^{(-3)})$. [2 Marks]

OR

Find the value of variable k to satisfy the index identity statement: $(2/5)^6 \times (2/5)^{(-10)} = (2/5)^{(2k+2)}$.

[2 Marks]

Q23. If a four-digit integer arrangement 3X45 is completely divisible by 9, evaluate the value of single digit X. [2 Marks]

Q24. In a parallelogram ABCD, angle B measures 105 degrees. Find the precise measurements of angles A, C, and D. [2 Marks]

OR

The perimeter of a regular hexagon is 72 cm. Find the length of each of its separate sides. [2 Marks]

Q25. Divide the polynomial expression block: $(24x^5y^4 - 16x^4y^3)$ by the monomial term $(8x^3y^2)$.

[2 Marks]

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

Q26. Find the smallest whole integer divisor by which 108 must be divided so that the quotient becomes a perfect cube. [3 Marks]

Q27. Find the square root of 7056 using the long division structural layout method. [3 Marks]

Q28. Simplify the following expression chain by group expansions and collection of like terms: $(4x - 3)(x + 6) - (3x^2 - x + 5)$. [3 Marks]

OR

Subtract the sum of $(4x^2 - xy + 3y^2)$ and $(-x^2 + 5xy - 2y^2)$ from the polynomial block $(6x^2 + 3xy + y^2)$. [3 Marks]

Q29. In a cryptarithm block puzzle layout (Number Play), find the matching digits for placeholders A, B, and C to solve: $2A7 + 34B = C01$. [3 Marks]

Q30. A poultry farm yard has grain provisions to sustain 200 birds for 24 days. If 40 additional birds are transferred into the coop, find how many days the supplies will last. [3 Marks]

OR

An automated assembly printer tags 360 parcels in 8 hours under constant tracking.

(i) How many parcels will it tag in 12 hours?

(ii) Calculate the hours needed to clear a lot of 900 parcels. [3 Marks]

Q31. Prove algebraically that for any general three-digit number layout abc , the addition operational sequence $(abc + bca + cab)$ is always completely divisible by 37. [3 Marks]

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

Q32. Find the square root of 44.89 using long division steps, and compute the total sum value of: $\sqrt{44.89} + \sqrt{4489}$. [5 Marks]

OR

Determine the smallest 4-digit natural number which forms a perfect square block. Show clear division layout steps. [5 Marks]

Q33. The boundaries of a recreational park form an isosceles trapezium layout. The parallel sides are in the ratio 2:5, and the perpendicular height distance separating them is 14 m. If the total grid surface area equals 490 m^2 , calculate the length of both parallel boundaries. [5 Marks]

Q34. Divide the polynomial expression statement $(3x^2 + 10x - 8)$ by the binomial factor $(x + 4)$ using polynomial long division. Show checking. [5 Marks]

OR

Simplify the following multi-group polynomial operational layout sequence: $p(q - r) + q(r - p) + r(p - q) + (p + q)(p - q)$. [5 Marks]

Q35. A uniform metallic framing beam tracks direct proportional reasoning mass parameters. If a 16-metre segment of this beam tracks a mass weight of 10 kg, calculate:

(i) The weight of a 56-metre segment of the same framing bar.

(ii) The total length required if a project engineer orders a total mass of 25 kg. [5 Marks]

SECTION E: CASE-BASED INTEGRATED QUESTIONS (3 × 4 = 12 Marks)

Q36. Case Study 1: Aerospace Containment Chamber Design

A high-pressure research laboratory isolates a master cubic containment cell block. An engineer balances the microclimate inside this cubical storage bin workspace whose internal operational volume layout measures exactly $2.197 \times 10^3 \text{ cm}^3$.

1. Calculate the precise edge side length measurement of the internal preservation vault workspace. Write your answer as a regular decimal or whole value. [2 Marks]
2. Express the total outer surface area of one structural side wall of this cubical locker in standard exponential scientific notation format with base 10. [2 Marks]

Q37. Case Study 2: Marine Surveillance Boundary Layout

A deep-sea research grid maps out a protective tracking baseline coordinate ring. The parameter perimeter path forms a geometric kite shape PQRS where structural tracking diagonals PR and QS cross each other at a central junction anchor point O. The length of diagonal PR = 40 m, QS = 30 m, and the intersection divides QS equally such that QO = OS.

1. What is the measure of the angle formed at the central junction intersection anchor point O? State the geometric property that dictates this layout. [2 Marks]
2. If the length of coordinate boundary side PQ = 25 m, calculate the length of the coordinate segment line PO. [2 Marks]

Q38. Case Study 3: Municipal Clean Water Logistics

A urban utility pipeline pumping station releases filtered reservoir fluid into residential zone feeds. A master conduit valve operates under direct proportion rules. The logs indicate that discharging 800 kilolitres of utility water takes 32 minutes of continuous tracking operation.

1. Find the rate of water discharge in kilolitres per minute. How many kilolitres will be released if the valve line runs continuously for an hour? [2 Marks]
2. If an adjacent community grid layout requires exactly 2,000 kilolitres of utility water to saturate baseline fire safety systems, for how many hours must the valve line operate? [2 Marks]

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:-

(5×1=5)

“अपठित गद्यांश”

निस्स्वार्थ भाव से दूसरों की भलाई करना परोपकार है। यह एक महान भाव तथा एक सर्वश्रेष्ठ धर्म है। महर्षि दधीचि ने परोपकार हेतु अपनी हड्डियाँ वज्र बनाने के लिए देवताओं को दान कर दी थी, ताकि असुर का नाश संभव हो सके। परोपकारी मनुष्य का यश सदैव रहता है। लोग उन्हें सदा याद रखते हैं। उनका मन शांत तथा पवित्र होता है। उनके मन में प्रेम, सहयोग, दया तथा करुणा के भाव विद्यमान रहते हैं। उनकी दृष्टि स्वार्थ से परमार्थ की ओर उठी हुई होती है। राजा शिवि एवं दानवीर कर्ण की गिनती भी महान परोपकारी व्यक्तियों में होती है।

प्रश्न

- प्र.1 निस्स्वार्थ भाव से दूसरों की भलाई करना क्या कहलाता है?
- प्र.2 प्रस्तुत गद्यांश में किन परोपकारी व्यक्तियों की बात की गई है?
- प्र.3 परोपकारी व्यक्ति में कौन-कौन-से गुण होते हैं?
- प्र.4 निम्नांकित शब्दों के विलोम रूप गद्यांश में से छाँटकर लिखिए।

१) बुराई

२) असंभव

प्र.5 'परोपकार एक सर्वश्रेष्ठ धर्म है', इस वाक्य में सर्वश्रेष्ठ क्या है?

- १) विशेषण
- २) संज्ञा
- ३) क्रिया विशेषण

प्रश्न 2- दिए गए “अपठित काव्यांश” को ध्यान पूर्वक पढ़ें और पूछे गए प्रश्नों के सही उत्तर दें:-

(5×1=5)

“अपठित काव्यांश”

. आँख का आँसू ढलकता देखकर,
जी तड़प करके हमारा रह गया।
क्या गया मोती किसी का है बिखर,
या हुआ पैदा रत्न कोई नया ?

ओस की बूँदें कमल-से हैं कहीं,
या उगलती बूँद है दो मछलियाँ।
या अनूठी गोलियाँ चाँदी मढ़ी,
खेलती हैं खंजनों की लड़कियाँ ॥

प्रश्न

- प्र.1 कवि के जी तड़पने का क्या कारण है?
प्र.2 प्रस्तुत पद्यांश में वर्णित 'दो मछलियाँ' से क्या अभिप्राय है?
प्र.3 कवि को खंजनों की लड़कियाँ किससे खेलती हुई प्रतीत होती हैं?
प्र.4 प्रस्तुत पद्यांश में 'ओस की बूँदें' तथा 'कमल' शब्द किसके लिए प्रयुक्त हुआ है?
प्र.5 प्रस्तुत पद्यांश में कवि ने किन मोतियों के बिखरने की बात की है?

“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”

घर में हम तीन ही व्यक्ति रहते हैं- माँ, पिताजी और मैं। पर पिताजी कहते हैं कि यह घर सराय बना हुआ है। हम तो जैसे यहाँ मेहमान हैं, घर के मालिक तो कोई दूसरे ही हैं। आँगन में आम का पेड़ है। तरह-तरह के पक्षी उस पर डेरा डाले रहते हैं। जो भी पक्षी पहाड़ियों-घाटियों पर से उड़ता हुआ दिल्ली पहुँचता है, पिताजी कहते हैं वही सीधा हमारे घर पहुँच जाता है, जैसे हमारे घर का पता लिखवाकर लाया हो। यहाँ कभी तोते पहुँच जाते हैं, तो कभी कौवे और कभी तरह-तरह की गौरैयाँ। वह शोर मचता है कि कानों के पर्दे फट जाएँ, पर लोग कहते हैं कि पक्षी गा रहे हैं।

प्रश्न

- (क) घर में कितने व्यक्ति रहते हैं?
(ख) घर सराय बना हुआ है कौन कहता है?
(ग) आँगन में किसका पेड़ है?
(घ) लोग क्या कहते हैं?
(ङ) यह गद्यांश किस पाठ से लिया गया है? उसके लेखक का नाम बताइए।

प्रश्न 4- दिए गए काव्य खंड को ध्यान पूर्वक पढ़ें और काव्य पर आधारित प्रश्नों के उत्तर दें:-

(5x1=5)

काव्यांश

निंदक नियरे राखिए, आँगन कुटी छवाय।
बिन पानी साबुन बिना, निर्मल करै सुभाय॥
साधू ऐसा चाहिए, जैसा सूप सुभाय।
सार सार को गहि रहै, थोथा देइ उड़ाय ॥
कबिरा मन पंछी भया, भावै तहवाँ जाय।
जो जैसी संगति करै, सो तैसा फल पाय॥

प्रश्न

- (क) कवि ने निंदक को कहाँ रखने की बात कही है?
- (ख) निंदक मनुष्य के स्वभाव को किस प्रकार निर्मल बनाता है?
- (ग) कवि ने साधु की तुलना किससे की है?
- (घ) सूप का स्वभाव कैसा बताया गया है?
- (ङ) मनुष्य को अपनी संगति के अनुसार क्या प्राप्त होता है?

प्रश्न 5- नीचे दी गई पंक्तियों में से किसी एक को को ध्यानपूर्वक पढ़िए और विचार कीजिए कि आपको इनका क्या अर्थ समझ में आया है? दोनों पंक्तियों पर अपने विचार लिखिए। (5×1=5)

पंक्तियाँ

- (क) “चौद-तारों-सी अप्राप्य सच्चाइयों के लिए रूठना-मचलना सीखें”
अथवा
- (ख) “किसी को सचमुच बाहर निकालना हो, तो उसका घर तोड़ देना चाहिए।”

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

(5×1=5)

- (क) “वह हृदय नहीं है पत्थर है” इस पंक्ति में हृदय के पत्थर होने से क्या तात्पर्य है
- (ख) ‘कबीर दास जी’ का जन्म कब और कहां हुआ था?
- (ग) “भीष्म साहनी” कि काल के रचनाकार है।
- (घ) “अपने पांवों पर खड़े हो” पंक्ति से क्या आशय है?
- (ङ) “भारत दुर्दशा, सत्य हरिश्चंद्र और अंधेर नगरी के लेखक का नाम बताइए।
- (च) ‘भागीरथ’ शब्द का प्रयोग पाठ में किस संदर्भ में किया गया है

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

(2×4=8)

- (क) “मैं दीवान कृपा राम के घर के ऊपर के बंगले पर टिका था। यह स्थान भी उस क्षेत्र में टिकने योग्य ही है।” आपके विचार से लेखक ने उस स्थान को ‘टिकने योग्य’ क्यों कहा है? उस स्थान में कौन-कौन सी विशेषताएँ होंगी जो उसे ‘टिकने योग्य’ बनाती होंगी?
- (ख) “जो जैसी संगति करे सो तैसा फल पाय।।” हमारे विचारों और कार्यों पर संगति का क्या प्रभाव पड़ता है? उदाहरण सहित बताइए।
- (ग) यदि आप किसी को आशीर्वाद देना चाहते हो तो आपकी से और क्या आशीर्वाद देंगे और क्यों?
- (घ) “हम हैं जिसके राजा- रानी” पंक्ति में राजा रानी किसे और क्यों कहा गया है?

खंड ‘ग’ (व्याकरण अवबोधन)

प्रश्न 8- दिए गए शब्दों में से किन्हीं पांच शब्दों के दो दो पर्यायवाची शब्द लिखें।

(5×1=5)

- (क) रात
- (ख) चंद्रमा
- (ग) शत्रु
- (घ) उद्यान
- (ङ) अमृत
- (च) पवन
- (छ) हाथी
- (ज) शक्ति

प्रश्न 9- दिए गए अनेकार्थक शब्दों के अर्थ को वाक्य प्रयोग के द्वारा स्पष्ट करें।

(5×1=5)

- (क) अपराध , पाप
- (ख) अनिवार्य , आवश्यक
- (ग) परीक्षक , निरीक्षक
- (घ) अगम , दुर्गम
- (ङ) बड़ा , बहुत

प्रश्न 10- दिए गए प्रत्ययों से शब्द बनाइए तथा वाक्य-प्रयोग द्वारा उनके लिंग स्पष्ट कीजिए।

(5×1=5)

- (क) आवा
- (ख) अक
- (ग) आवट
- (घ) इमा
- (ङ) आनी

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

(3 × 5 = 15)

- (क) किन प्रत्ययों के प्रयोग से स्त्रीलिंग शब्द बनाए जा सकते ? उदाहरण द्वारा स्पष्ट कीजिए।
- (ख) पुरुषवाचक सर्वनाम की परिभाषा तथा इसके प्रकार बताइए।
- (ग) उत्पत्ति या स्रोत के आधार पर शब्द कितने प्रकार के होते हैं उदाहरण के साथ लिखिए
- (घ) अल्पप्राण व्यंजन महाप्राण व्यंजन से किस प्रकार भिन्न है?

खंड 'घ' (रचनात्मक कार्य)

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

(6×1=6)

- (क) अपने मित्र को सांत्वना पत्र लिखिए जो बीमारी के कारण अर्धवार्षिक परीक्षा नहीं दे पाया ।
अथवा
- (ख) जुर्माना माफ करने के लिए प्रधानाचार्य को पत्र लिखिए।

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

(6×1=6)

- (क) ग्लोबल वार्मिंग
अथवा
- (ख) परहित सरिस धर्म नहीं भाई

SAMPLE PAPER– 2026-27(SET–C)
CLASS - VIII
SUBJECT –ENGLISH

TIME: 3 HOURS

M.M.: 80

General Instructions:

1. The question paper contains three sections:

Section A - Reading

Section B - Writing & Grammar

Section C - Literature

2. Attempt questions based on specific instructions for each part.

Section A - Reading:

Q1: Read the passage given below:

(10 marks)

Tom Sawyer was always getting into trouble. He was the kind of boy who just could not resist adventure. Tom lived with his Aunt Polly, his cousin Mary, and his half-brother Sid. Everyone knew about his mischief-making. Sid told Aunt Polly about Tom missing school and going swimming.

Jim came skipping out at the gate carrying a pail and singing.

Based on your reading passage given above, answer the following questions in your own words.

1. Who did Tom Sawyer live with?

- A. His parents
- B. His uncle and aunt
- C. His Aunt Polly, cousin Mary, and half-brother Sid
- D. His grandparents

2. What kind of boy was Tom Sawyer?

- A. Very serious
- B. Quiet and shy
- C. Loved adventure and mischief
- D. Always obedient

3. Who told Aunt Polly about Tom missing school?

- A. Mary
- B. Jim
- C. Sid
- D. A neighbor

4. What did Tom do instead of going to school?

- A. Played at home
- B. Went swimming
- C. Went to the market
- D. Helped Aunt Polly

5. What was Jim carrying when he came out of the gate?

- A. A book
- B. A stick
- C. A pail
- D. A basket

Q 2: Read the poem given below:

Her aged hand on his strong young arm,
She placed, and so, without hurt or harm.
He guided the trembling feet along,
Proud that his own were firm and strong.
Then back again to his friends he went,
His young heart happy and well content.

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

a- What did the old woman place on the young boy's arm?

- A. Her bag
- B. Her aged hand
- C. Her stick
- D. Her shawl

b- How did the boy guide the old woman?

- A. Roughly
- B. Quickly
- C. Without hurt or harm
- D. Carelessly

c- Why were the old woman's feet trembling?

- A. She was angry
- B. She was tired and weak
- C. She was excited
- D. She was running

d- How did the boy feel about himself?

- A. Ashamed
- B. Proud
- C. Afraid
- D. Angry

e- What was the boy's feeling at the end?

- A. Sad and upset
- B. Angry and tired
- C. Happy and content
- D. Nervous and worried

Section B - Grammar + Writing

Q3. Attempt any ten of the following:

(10 marks)

Give the answer as directed:

(i) Madan Lalwani changed all these. **(into Passive)**

(ii) They made all the scenes well. **(into Passive)**

Correct the sentence:

(iii) She have been waiting for him since last night.

(iv) Rajiv is coming at 10 a.m morning.

(v) They are sitting on the chair.

Use Correct article form

(vi) Ramesh had ---- dog. (a/an/the)

(vii) I have visited -----Tajmahal. (a/an/the)

(viii) Change as directed: Were they working hard? (Interrogative + Negative)

(ix) I am coming to you. (Find out the tense)

(x) What is the past form of 'go'?

Q4:* Write a paragraph in about 150 words on the topic - Science is a boon but a bad master. (20 marks)
OR

You are Mr. Amit Saxena, Secretary of Galaxy Apartments, Mayur Vihar. Draft a 'Notice' informing the residents of your society that there will be a power cut for four hours on 14th Sep, 20XX due to the installation of a new transformer.

Section-C

Q5: Read the following lines and give the answer:

(8 marks)

(i) What is the sense of "distracted and upset"?

(ii) "A murmur swept through the room." Give the meaning of it.

(iii) Tenali Rama stood quietly at the edge of the court, observing everyone with an amused smile. **(Give the meaning)**

(iv) "Let knowledge be the beacon that dispels the darkness of ignorance."

(Give the sense of it)

Answer the followings:

(8Marks)

Q6:- (i) Major Somnath's legacy of courage and devotion to the nation remains forever alive, forever alive. What is the significance of the repetition in this line?

(ii) Why do you think Major Somnath's story continues to inspire soldiers?

(iii) Why does the boy decide to help the old woman?

(iv) How was the boy's approach towards the old woman different from that of the other boys in the group?

Q 7:- Give the answer to the following questions?*

(10 marks)

(i) Who was the first recipient of Param Vir Chakra? Why did he get it?

(ii) How did Major Somnath Sharma protect Srinagar airport?

(iii) Where was Major Somnath Sharma born? What was his nature?

(iv) In which regiment Major Somnath was Commissioned?

Q 8:- Give the answer to the following questions?

(14 marks)

(i) How did Dr Kurien's decision to join the Co-operative in Anand affect his life?

(ii) What message does Dr Kurien want to convey about selfless service and its long-term impact on society?

SAMPLE PAPER– 2026-27(SET–C)
CLASS - VIII
SUBJECT – SOCIAL SCIENCE

TIME: 3 HOURS

M.M.: 80

ALL QUESTIONS ARE COMPULSORY

1. Multiple Choice Questions.

10

1. The NOTA option allows voters to:

- (a) Recast their vote
- (c) Vote for multiple candidates
- (b) Spoil their ballot paper intentionally
- (d) Reject all candidates if unsatisfied

2. Which of the following states has a bicameral legislature?

- (a) Kerala
- (b) Gujarat
- (c) Maharashtra
- (d) Punjab

3. If a State and the Union both make a law on forests and they conflict, which law will apply?

- (a) State law
- (b) Union law
- (c) The older law
- (d) Both laws apply together

4. Assertion (A): the Maratha judicial system relied mainly on community-based justice.

Reason(R): the Kotwal was responsible for maintaining law and order in cities.

- (a) Both A and R are true and R is the correct explanation of A
- (b) Both A and R are true R is not the correct explanation of A
- (c) A is true but R is false
- (d) A is false and R is true

5. What does entrepreneurship mainly involve?

- (a) Using natural resources
- (b) Manual work only
- (c) Taking risk and planning
- (d) Buying goods

6. What does SWAYAM offer?

- (a) Free online courses
- (b) Weather reports
- (c) Road construction services
- (d) Mobile networks

7. Assertion (A): the Right to Education Act, 2009 guarantees free and compulsory education for children aged 6 to 14 years.

Reason(R): The Act became law after being discussed, revised and passed by Parliament as part of the law-making process.

- (a) Both A and R are true and R is the correct explanation of A
- (b) Both A and R are true R is not the correct explanation of A
- (c) A is true but R is false
- (d) A is false and R is true

8. Installing rainwater harvesting structures help communities by:

- (a) Producing evaporation rates
- (b) Increasing groundwater recharge
- (c) Preventing acid rain
- (d) Cooling the local climate

9. What was the Cartaz system introduced by the Portuguese?

- (a) Religious conversion drive
- (b) Land tax on farmers
- (c) Permit system for ships to trade in the Indian Ocean
- (d) Educational reform

10. Assertion (A): production can continue smoothly even if factors are missing.

Reason(R): all factors complement each other.

- (a) Both A and R are true and R is the correct explanation of A
- (b) Both A and R are true R is not the correct explanation of A
- (c) A is true but R is false
- (d) A is false and R is true

2. Fill in the blanks.

10

1. The process of connecting resources, people and organisations from different places to make goods is called a _____.
2. When machines are used more in farming, the process becomes less _____ -intensive.
3. India is now the world's second-largest mobile phone manufacturer after _____.
4. Companies must ensure _____ wages and _____ working conditions for their employees.
5. Spending a portion of profits to support social and environmental causes is called _____.
6. Human effort is still essential in production because people can think _____ and solve problems.
7. Once voting is completed, the _____ of government begins
8. A _____ is a group of two or more political parties that work together to form a government.
9. The _____ is elected through an indirect election by the Members of the Legislative Assemblies.
10. The _____ is also known as the Permanent House of Parliament.

3. True and false:

5

1. The Nizam of Hyderabad was the first to accept the Subsidiary Alliance in 1798.
2. Robert Clive once described Bengal as “the paradise of the earth”.
3. The Thanjavur Marathas became great patrons of art.
4. Ahilyabai Holkar is best remembered for rebuilding the Kashi Vishwanath temple in Varanasi.
5. The 18th Lok Sabha formed in June 2024.

4. Match the following.

5

	Column I		Column II
1	A factory building	A	Labour
2	A Farmer cultivating crops	B	Land
3	A manager planning production	C	Technology
4	Solar panels used in a factory	D	Capital
5	J.R.D. Tata starting Air India	E	Entrepreneurship

5. Very short answer type questions.

(2×5=10)

1. Why must producers manage natural resources responsibly?
2. Who said “Jai Jawan, Jai Kisan”?
3. What was meant by the British “civilizing mission”?
4. Explain the purpose of the International Solar Alliance.
5. Who introduces English medium education in India and in which year.

6. Short answer type questions.

(3×4=12)

1. How does technology make learning easier for students?
2. What is the importance of the annual budget?
3. Why did the British introduce railways and education together?
4. How does the Auroville Earth institute blend tradition and technology?

7. Long answer type questions.

(5×20=20)

1. How does the Bhandla Solar Park reflect innovation and sustainability?
2. Discuss the factors that enabled European powers to establish control over India.
3. Discuss the role of voters in strengthening democracy.

4. Explain how cultural values influence the quality and discipline of labour in a country.

8. Read the following passage and answer the questions that follow.

4

During a heated debate on school safety, some Lok Sabha members began shouting and arguing without waiting for their turn. The Speaker stood up and reminded them of parliamentary rules. She directed the ministers to answer questions clearly and allowed opposition members time to present their concerns. When a group continued to disrupt the session, she warned them and asked them to maintain decorum. After order was restored, the House passed important recommendations.

- (a) Who is responsible for maintaining discipline in the Lok Sabha? 1
(b) Why did the Speaker need to intervene during the debate? 1
(c) Explain why maintaining order is crucial for the effective functioning of Parliament. 2

9. Observe the image and answer the questions that follow.

4



- (a) What does the Nandi on top of the Sengol symbolise?
(b) Why was the Sengol given to Pandit Jawaharlal Nehru on 14 August 1947?

10. On an outline map of India, show the places associated with the Revolt of 1857 led by the following leaders.

4

1. Rani Lakshmi Bai of Jhansi
2. Mangal Pandey 10
3. Begum Hazrat Mahal
4. Kumar Singh

SAMPLE PAPER– 2026-27(SET–C)
CLASS - VIII
SUBJECT – SCIENCE

TIME: 3 HOURS

M.M.: 80

General Instructions

- 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)

(20 Questions × 1 Mark = 20 Marks)

Q1. The part of a cell which is found only in a plant cell and absent in animal cells is:

- (a) nucleus (b) ribosome (c) cell wall (d) cell membrane

Q2. Ribosomes are responsible for which of the following functions in a cell?

- (a) Energy production (b) Protein synthesis (c) Secretion of enzymes (d) Photosynthesis

Q3. Protoplasm is a combination of:

- (a) Nucleus + Cell wall (b) Cytoplasm + Nucleus
(c) Cytoplasm + Cell membrane (d) Cell wall + Chloroplast

Q4. The vaccine for smallpox was discovered by:

- (a) Alexander Fleming (b) Edward Jenner (c) Louis Pasteur (d) Robert Koch

Q5. Which of the following is NOT a communicable disease?

- (a) Cholera (b) Cancer (c) Chickenpox (d) Malaria

Q6. Which part of the human body is primarily affected by the Chickenpox virus?

- (a) Eyes (b) Respiratory tract (c) Skin (d) Lungs

Q7. Diseases that can be broadly grouped as happening due to an unhealthy lifestyle are:

- A. Heart attack B. Typhoid C. Obesity D. Anaemia
(a) A and B (b) B and C (c) A and C (d) A and D

Q7. One way to prevent Typhoid fever is by:

- (a) Using mosquito nets (b) Vaccination
(c) Eliminating stagnant water (d) Wearing full-sleeve clothes

Q9. The natural ability of the body to fight off infections against germs is called:

- (a) disorder (b) immunity (c) vaccine (d) disease

Q10. The 'element' or heating wire of an electric iron is made of:

- (a) iron (b) nickel (c) nichrome (d) tungsten

Q11. Look at the figures below. In which case will the LED glow when the switch is closed? Case I:

Electrodes dipped in lemon juice | Case II: Electrodes dipped in pure water

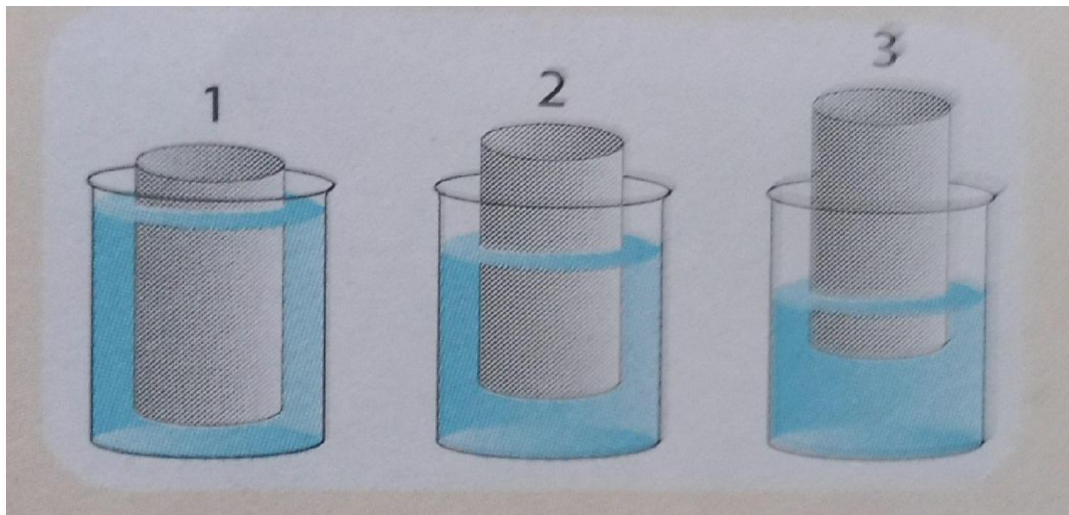
- (a) Only Case I (b) Only Case II
(c) Both Case I and Case II (d) Neither Case I nor Case II

Q12. When a compass needle is placed near a current-carrying wire, the needle deflects because of the:

- (a) heating effect of current (b) chemical effect of current
(c) magnetic effect of current (d) frictional effect of current

Q13. Three identical objects 1, 2, and 3 dip to different depths in water as shown in the figure. If their weights are w_1 , w_2 , and w_3

respectively, then the correct relation is:



- (a) $w_1 = w_2 = w_3$ (b) $w_1 > w_2 > w_3$
(c) $w_2 > w_3 > w_1$ (d) $w_3 > w_1 > w_2$

Q14. Which of the following is a contact force?

A. Friction | B. Gravitational force | C. Magnetic force | D. Muscular force

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

Q15. Which of the following forces is utilized in electrostatic precipitators to reduce air pollution by removing dust and soot from factory chimneys?

- (a) magnetic force (b) gravitational force
(c) electrostatic force (d) frictional force

Q16. High-speed winds passing over a surface create a region of:

- (a) increased pressure (b) reduced pressure
(c) zero pressure (d) constant pressure

Q17. Which of the following is NOT a correct precaution to be observed during a thunderstorm?

- (a) Do not sit near an open window (b) Do not lie flat on the ground
(c) Do not stand under a tall isolated tree (d) Do not sit inside a closed car

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

- A. Both Assertion and Reason are true, and Reason is the correct explanation of Assertion.
- B. Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion.
- C. Assertion is true, but Reason is false.
- D. Assertion is false, but Reason is true

18-Assertion: A bulb filament is made of tungsten.

Reason: Tungsten can tolerate very high temperatures without melting easily.

19-Assertion: A force can change the state of motion of an object.

Reason: Force can make a stationary object move.

20-Assertion: High-speed winds can break electric poles and trees.

Reason: Strong winds exert large force on poles and trees

SECTION B: Very Short Answer Type Questions

(6 Questions $\times$ 2 Marks = 12 Marks)

- Q21.** Name the organism that belongs to bacteria which is responsible for turning milk into curd.
- Q22.** Why are antibiotics completely ineffective against diseases like influenza or common cold?
- Q23.** Name two domestic electrical appliances that work based on the heating effect of electric current.
- Q24.** What is meant by a non-contact force? Give one common example.
- Q25.** If a force of 200 N is applied on an area of 5 m², calculate the pressure generated.
- Q26.** Why does the water in an ocean taste salty even though the salt particles are not visible to the naked eye?

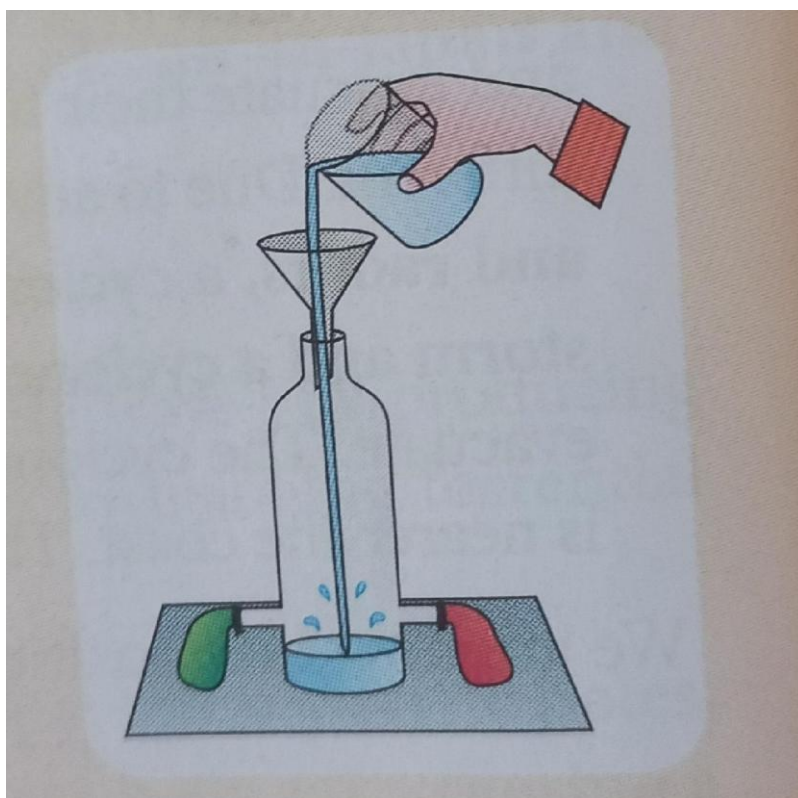
SECTION C: Short Answer Type Questions

(7 Questions $\times$ 3 Marks = 21 Marks)

- Q27.** Explain what happens to a sugar solution in a flask when warm water, sugar, and yeast are mixed together and kept for a few hours. Which gas is released?
- Q28.** What observations will you note if the gas produced by yeast fermentation is passed into a test tube containing clear lime water? Write the significance of this test.
- Q29.** Explain the working principle of an electric fuse wire. Why does it melt during a short circuit or overloading?
- Q30.** (a) What happens to a magnetic compass needle when the current flowing through a nearby wire is reversed?
(b) Define the magnetic effect of electric current.
- Q31.** Figure shows a man with a parachute. Name the force which is responsible for his downward motion. Will he come down with the same speed without the parachute?



Q32. What will happen to the two identical balloons A and B as shown in figure. When water is filled into the bottle up to a certain height. Will both the balloons bulge. If yes ,will they bulge equally? Explain your answer.



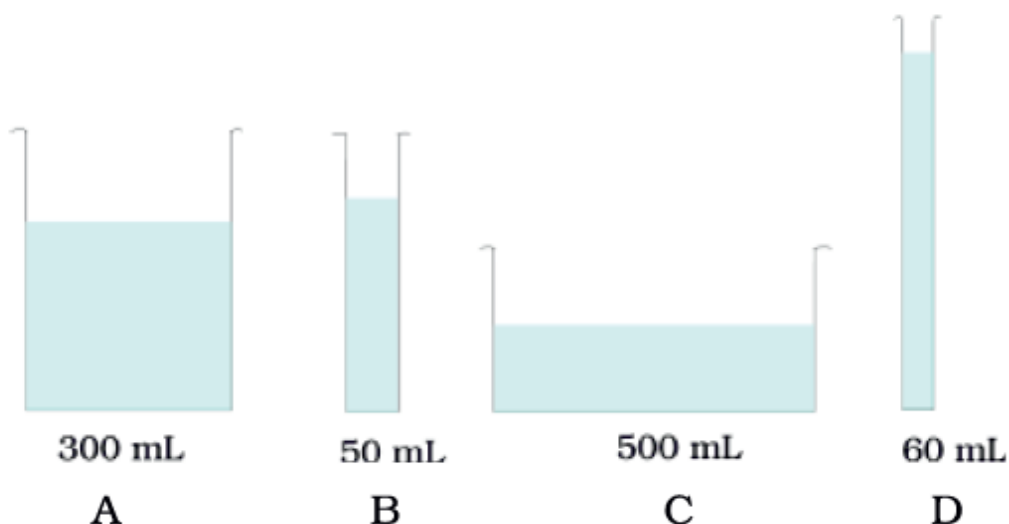
Q33. A force of 50 N acts on a flat surface. What area will produce a total pressure of 500 Pa? Show your calculations.

SECTION D: Long Answer Type Questions

(3 × 5= 15 Marks)

- Q34.** (a) Distinguish clearly between lifestyle-related diseases and infectious diseases with examples.
 (b) Discuss the social and personal responsibility of a student who starts showing flu symptoms (coughing and sneezing) while attending school to prevent others from getting sick.

Q35. Observe the vessels A, B, C and D shown in Figure carefully.



The volume of water taken in each vessel is as shown. Arrange them in the order of decreasing pressure at the base of each vessel. Explain.

Q36.(a) Write an activity or point of explanation to show that particles of matter are extremely small and have spaces between them.

(b) Observe the candle burning process: Identify and match the different states of wax observed during its burning, and explain how the arrangement of particles changes from solid wax to vaporized wax.

(c) Out of solids, liquids, and gases, which one has:

- (i) Maximum interparticle space
- (ii) Maximum movement of particles
- (iii) Minimum spaces between particles

Section-E

(3 x 4 =12 Marks)

37-Ravi visited a beach during summer. In the daytime, he felt a cool wind blowing from the sea towards the land. At night, the direction of wind changed from land towards the sea. His teacher explained that uneven heating of land and water creates pressure differences, which cause wind movement.

Questions:

Why does air move from sea towards land during daytime?

Which place gets heated faster — land or water?

The movement of air takes place from:

- (a) Low pressure to high pressure
- (b) High pressure to low pressure
- (c) Cold region to hot region
- (d) Sea to sea

What is the name of the wind blowing from sea to land during daytime?

38-Aman pressed the switch of an electric bell. The hammer of the bell struck continuously and produced sound. His teacher explained that an electromagnet inside the bell attracts the iron strip repeatedly.

Questions:

- (a) Which effect of electric current is used in an electric bell?
- (b) What is an electromagnet?
- (c) Why does the hammer strike the gong repeatedly?
- (d) Which material is usually wound around the iron core in an electromagnet?
- (a) Plastic wire
- (b) Cotton thread
- (c) Copper wire
- (d) Rubber strip

39-Neha opened a bottle of perfume in one corner of the classroom. After a few seconds, students sitting far away could also smell the perfume. The teacher explained that particles of matter are continuously moving and mix with air.

Questions:

- (a) Why could students smell the perfume from a distance?
- (b) What does this activity show about particles of matter?
- (c) The spreading of perfume in air is called:
- (a) Condensation
- (b) Diffusion
- (c) Evaporation
- (d) Freezing
- (d) In which state of matter is diffusion fastest?