



CLASS IX LATERAL ENTRY | PRACTICE PAPER 05

Original mock test | 2027-28 pattern | Level: Class VIII

Section	Questions	Marks
English	1-15	15
Hindi	16-30	15
Mathematics	31-65	35
General Science	66-100	35
Total / Time	100	100 / 2.5 hours

Candidate: _____ Roll no.: _____

Instructions

Choose one answer (A-D) for each of the 100 questions and darken the matching OMR circle. Each correct answer carries 1 mark; no negative marks.

Use a blue or black ballpoint pen on the official OMR sheet. The enclosed practice sheet is for classroom use. Time allowed: 2 hours 30 minutes.

These questions are original and follow the official Class IX 2027-28 subject distribution and Class VIII syllabus.



SECTION I | ENGLISH | QUESTIONS 1-15

UNSEEN PASSAGE

Eshan visited the museum to prepare a class report. First, Eshan recorded three observations in a folder. Then a friend noticed that one measurement had been copied incorrectly. They checked the original record before changing the report. Although this took extra time, the final report was accurate. Their teacher praised the careful correction rather than the speed of submission.

1. Why did the student visit the place?

(A) To buy food (B) To prepare a class report (C) To meet a doctor (D) To catch a bus

2. How many observations were recorded?

(A) One (B) Two (C) Four (D) Three

3. What was wrong?

(A) The place was closed (B) The original record was lost (C) One copied measurement (D) A page was torn

4. What did they check before correcting the report?

(A) A guess (B) A newspaper (C) A poster (D) The original record

5. What quality did the teacher praise?

(A) Late arrival (B) Fast guessing (C) Neat handwriting only (D) Careful correction

6. Choose the correctly ordered sentence.

(A) Every we answer checked carefully. (B) Carefully every checked we answer. (C) We carefully checked every answer. (D) Checked we carefully answer every.

7. Choose the correct spelling.

(A) seperete (B) sepparate (C) separate (D) seperate

8. Choose the synonym of "brief".

(A) distant (B) noisy (C) short (D) late

9. Fill in: She has lived here ____ 2021.

(A) since (B) by (C) for (D) from

10. Choose the reported speech: He said, "I am tired."

(A) He said that he is tired. (B) He told that he was tired. (C) He said that he was tired. (D) He said that I am tired.

11. Fill in: If it rains, we ____ indoors.

(A) stayed (B) will stay (C) staying (D) had stayed

12. Choose the noun in: "The bright stars shone."

(A) bright (B) shone (C) stars (D) the

13. Fill in: She is interested ____ astronomy.

(A) at (B) on (C) for (D) in



14. Choose the adjective in: "A gentle breeze blew."

(A) a (B) breeze (C) gentle (D) blew

15. Choose the correct tense: By noon, they ____ the work.

(A) will completed (B) completes (C) had completed (D) has completed

SECTION II | HINDI | QUESTIONS 16-30

अपठित गद्यांश

गीता अपने मित्रों के साथ नदी के किनारे गया। वहाँ उन्होंने सफ़ाई का काम देखा और उपयोगी वस्तुओं को अलग-अलग रखा। एक मित्र ने कागज़ को पुनः उपयोग के लिए जमा किया। काम पूरा होने पर सभी ने हाथ धोए और शिक्षक को अपना अनुभव बताया। शिक्षक ने समझाया कि छोटे-छोटे प्रयास मिलकर बड़ा परिवर्तन ला सकते हैं।

16. बच्चे किसके साथ गए थे?

(A) डॉक्टर के साथ (B) अकेले (C) खिलाड़ियों के साथ (D) मित्रों के साथ

17. वहाँ बच्चों ने क्या काम देखा?

(A) खेल का अभ्यास (B) चित्रकारी (C) खेती का काम (D) सफ़ाई का काम

18. कागज़ किसलिए जमा किया गया?

(A) फेंकने के लिए (B) जलाने के लिए (C) पुनः उपयोग के लिए (D) बेचने के लिए

19. काम के बाद बच्चों ने क्या किया?

(A) खेलना शुरू किया (B) सो गए (C) हाथ धोए (D) घर नहीं गए

20. अनुच्छेद का मुख्य संदेश क्या है?

(A) कागज़ बेकार है (B) सफ़ाई व्यर्थ है (C) मित्रता कठिन है (D) छोटे प्रयास बड़ा परिवर्तन ला सकते हैं

21. "पुस्तकें" का एकवचन चुनिए।

(A) पुस्तकों (B) पुस्तकी (C) पुस्तकिया (D) पुस्तक

22. "आँखों का तारा" मुहावरे का अर्थ चुनिए।

(A) तेज प्रकाश (B) आँख की बीमारी (C) दूर का तारा (D) बहुत प्रिय व्यक्ति

23. "धरती" का पर्यायवाची चुनिए।

(A) पृथ्वी (B) नदी (C) चंद्रमा (D) आकाश



24. शुद्ध वाक्य चुनिए।

(A) मुझे पानी चाहिए। (B) मेरे को पानी चाहिए है। (C) मुझे पानी चाहिए हैं। (D) मुझको पानी चाहिए हैं।

25. "वे आए थे" में सर्वनाम चुनिए।

(A) आए थे (B) आए (C) थे (D) वे

26. "हाथ बँटाना" मुहावरे का अर्थ चुनिए।

(A) हाथ बाँधना (B) दूर जाना (C) सहायता करना (D) झगड़ा करना

27. "बालक" का स्त्रीलिंग चुनिए।

(A) बालकियाँ (B) बालिका (C) बालकों (D) बालकी

28. "धीरे चलो" में क्रिया चुनिए।

(A) धीरे (B) चलो (C) में (D) कोई नहीं

29. "नदी बहती है" में संज्ञा चुनिए।

(A) बहती (B) नदी (C) है (D) बहती है

30. "सूर्य" का पर्यायवाची चुनिए।

(A) रवि (B) बादल (C) तारा (D) चंद्र

SECTION III | MATHEMATICS | QUESTIONS 31-65

31. Find $\frac{3}{7} + \frac{2}{7}$.

(A) $\frac{5}{7}$ (B) $\frac{6}{7}$ (C) $\frac{5}{8}$ (D) $\frac{1}{7}$

32. Find the square of 15.

(A) 225 (B) 240 (C) 196 (D) 256

33. Find the square root of 81.

(A) 10 (B) 8 (C) 9 (D) 81

34. Find the cube of 8.

(A) 520 (B) 343 (C) 64 (D) 512

35. Find the cube root of 512.

(A) 64 (B) 8 (C) 7 (D) 9

36. Simplify $4^3 \times 4^2$.

(A) 1024 (B) 256 (C) 4096 (D) 80



37. Simplify $(3^4)^2$.

(A) 19683 (B) 6561 (C) 243 (D) 162

38. 10 notebooks cost Rs. 170. What is the cost of 13 at the same rate?

(A) 221 rupees (B) 204 rupees (C) 238 rupees (D) 173 rupees

39. 6 workers finish a task in 12 days. At the same rate, 12 workers take how many days?

(A) 6 days (B) 7 days (C) 8 days (D) 5 days

40. Find 20% of 300.

(A) 50 (B) 80 (C) 70 (D) 60

41. An item bought for Rs. 250 sells for Rs. 300. Find profit percent.

(A) 25% (B) 10% (C) 15% (D) 20%

42. Marked price Rs. 500, discount 10%. Find sale price.

(A) 440 rupees (B) 500 rupees (C) 460 rupees (D) 450 rupees

43. Find simple interest on Rs. 1500 at 10% per year for two years.

(A) 400 rupees (B) 150 rupees (C) 300 rupees (D) 1800 rupees

44. Find compound interest on Rs. 1500 at 10% per year for two years (annual compounding).

(A) 325 rupees (B) 300 rupees (C) 315 rupees (D) 305 rupees

45. If $x = 7$, find $3x + 7$.

(A) 28 (B) 31 (C) 33 (D) 25

46. If $2x + 5 = 21$, find x .

(A) 9 (B) 10 (C) 8 (D) 6

47. If $3(x - 2) = 21$, find x .

(A) 9 (B) 12 (C) 7 (D) 10

48. Expand $(12 + 8)^2$.

(A) 592 (B) 208 (C) 209 (D) 400

49. Find $x^2 - 9$ when $x = 7$.

(A) 43 (B) 40 (C) 37 (D) 58

50. Factorisation: which factor divides $x^2 - 64$?

(A) $x - 10$ (B) $x + 10$ (C) $x + 9$ (D) $x - 8$

51. One angle of a parallelogram is 65 degrees. Find its adjacent angle.

(A) 115 degrees (B) 65 degrees (C) 90 degrees (D) 245 degrees

52. Three angles of a quadrilateral are 90, 90 and 70 degrees. Find the fourth.

(A) 90 degrees (B) 70 degrees (C) 110 degrees (D) 290 degrees

53. A rectangle has diagonal 22 cm. Find the length of each half-diagonal.

(A) 22 cm (B) 9 cm (C) 13 cm (D) 11 cm



54. Find the area of a rhombus with diagonals 18 cm and 22 cm.
(A) 198 sq cm (B) 99 sq cm (C) 40 sq cm (D) 396 sq cm
55. Find the area of a rectangle 15 cm by 11 cm.
(A) 52 sq cm (B) 154 sq cm (C) 165 sq cm (D) 180 sq cm
56. Find the area of a triangle with base 22 cm and height 11 cm.
(A) 242 sq cm (B) 121 sq cm (C) 33 sq cm (D) 132 sq cm
57. Find the volume of a cube of edge 8 cm.
(A) 504 cubic cm (B) 512 cubic cm (C) 520 cubic cm (D) 64 cubic cm
58. Find the volume of a cuboid 10 cm x 9 cm x 8 cm.
(A) 711 cubic cm (B) 720 cubic cm (C) 484 cubic cm (D) 728 cubic cm
59. Find the total surface area of a cube of edge 9 cm.
(A) 324 sq cm (B) 405 sq cm (C) 486 sq cm (D) 495 sq cm
60. Using $\pi = \frac{22}{7}$, find the volume of a cylinder of radius 7 cm and height 10 cm.
(A) 490 cubic cm (B) 1540 cubic cm (C) 1694 cubic cm (D) 440 cubic cm
61. Find the mean of 15, 19, 23 and 27.
(A) 21 (B) 25 (C) 19 (D) 23
62. A bag has 8 red and 10 blue balls. Probability of picking red?
(A) $\frac{10}{18}$ (B) $\frac{8}{10}$ (C) $\frac{1}{18}$ (D) $\frac{8}{18}$
63. In a pie chart, a category occupies 25% of the total. Find its central angle.
(A) 120 degrees (B) 90 degrees (C) 60 degrees (D) 72 degrees
64. One-fourth of 130 students choose music. How many students is that?
(A) 37 (B) 65 (C) 27 (D) 32
65. Evaluate $(-9) + 16$.
(A) 7 (B) 25 (C) 17 (D) -7

SECTION IV | GENERAL SCIENCE | QUESTIONS 66-100

66. Lubricants reduce friction by ____.
(A) making surfaces magnetic (B) increasing roughness (C) removing gravity (D) separating rubbing surfaces
67. Which method preserves food by removing much of its water?
(A) Germination (B) Pollination (C) Drying (D) Freezing only
68. The Red Data Book lists ____.
(A) weather reports (B) only crop plants (C) all planets (D) threatened species
69. Pressure equals force divided by ____.
(A) speed (B) volume (C) area (D) time



70. Loudness is closely related to the ___ of vibration.

- (A) amplitude (B) period alone (C) colour (D) temperature

71. A periscope uses multiple ___.

- (A) combustions (B) fertilisations (C) reflections (D) evaporations

72. The male reproductive cell in animals is the ___.

- (A) zygote (B) ovum (C) embryo (D) sperm

73. Why are weeds removed from a crop field?

- (A) They produce fertilizer (B) They increase seed size (C) They prevent all insects (D) They compete for water and nutrients

74. Which zone of a candle flame is usually the hottest?

- (A) Outermost zone (B) Wick base (C) Dark inner zone (D) Unburnt wax

75. Hormones are secreted into the blood by ___.

- (A) endocrine glands (B) teeth (C) bones (D) hair

76. Streamlined shapes reduce ___ resistance.

- (A) electrical (B) fluid (C) chemical (D) magnetic

77. The instrument that records earthquake waves is a ___.

- (A) barometer (B) thermometer (C) rain gauge (D) seismograph

78. The lowest temperature at which a substance catches fire is its ___.

- (A) boiling point (B) melting point (C) ignition temperature (D) freezing point

79. A lightning conductor gives charge a path to the ___.

- (A) clouds (B) roof tiles (C) ground (D) windows

80. Which is a renewable resource?

- (A) Sunlight (B) Natural gas (C) Petroleum (D) Coal

81. Amoeba commonly reproduces by ___.

- (A) binary fission (B) pollination (C) budding only (D) seed formation

82. Which is a non-contact force?

- (A) Muscular push (B) Friction (C) Normal reaction (D) Magnetic force

83. A tester with an LED is useful because even a weak current can ___.

- (A) make a vacuum (B) freeze the liquid (C) light the LED (D) burn the wire

84. Which is a rabi crop?

- (A) Paddy (B) Wheat (C) Maize (D) Cotton

85. Atmospheric pressure is exerted by ___.

- (A) only water (B) air (C) only fire (D) only soil

86. Rhizobium bacteria are commonly found in the root nodules of ___.

- (A) leguminous plants (B) cactus (C) ferns (D) mango trees



87. An endemic species is one that ____.

(A) naturally occurs in a particular area (B) cannot reproduce (C) is always domestic (D) lives in every continent

88. Which chromosome from the father determines the sex of a child?

(A) X or Y (B) Neither X nor Y (C) Only X (D) Only Y

89. Pitch depends mainly on frequency of ____.

(A) loudness only (B) distance only (C) amplitude only (D) vibration

90. The image in a plane mirror is usually ____.

(A) larger always (B) real and inverted (C) upside down (D) virtual and erect

91. Internal fertilisation takes place ____ the female body.

(A) only in water (B) outside (C) inside (D) only in plants

92. Which tool loosens soil and brings nutrient-rich soil upward?

(A) Thermometer (B) Sprayer (C) Plough (D) Sickle

93. What is needed for combustion besides fuel and ignition temperature?

(A) Helium (B) Oxygen (C) Sand (D) Nitrogen only

94. The larva of a frog is called a ____.

(A) tadpole (B) caterpillar (C) chick (D) nymph

95. Ball bearings reduce friction mainly by replacing sliding with ____.

(A) heating (B) rolling (C) sticking (D) melting

96. During lightning, the safest place is generally ____.

(A) beside a metal pole (B) in open water (C) under a lone tree (D) inside a substantial building

97. Coal tar is a source of many useful ____.

(A) chemicals (B) living cells (C) minerals only (D) seeds

98. A fuse in an electric circuit is designed to ____.

(A) increase current (B) break the circuit when current is excessive (C) cool the battery (D) store charge

99. Why is petroleum called a fossil fuel?

(A) It formed from ancient organisms (B) It is made every day (C) It is a living fossil (D) It contains only rocks

100. Planting trees in a deforested area is called ____.

(A) migration (B) reforestation (C) pollination (D) combustion



PRACTICE OMR | PAPER 05

Candidate: _____ Roll no.: _____ Date: _____

Fill exactly one circle for each question. Practice sheet only.

01 - 25	26 - 50	51 - 75	76 - 100
001 ☐ A ☐ B ☐ C ☐ D	026 ☐ A ☐ B ☐ C ☐ D	051 ☐ A ☐ B ☐ C ☐ D	076 ☐ A ☐ B ☐ C ☐ D
002 ☐ A ☐ B ☐ C ☐ D	027 ☐ A ☐ B ☐ C ☐ D	052 ☐ A ☐ B ☐ C ☐ D	077 ☐ A ☐ B ☐ C ☐ D
003 ☐ A ☐ B ☐ C ☐ D	028 ☐ A ☐ B ☐ C ☐ D	053 ☐ A ☐ B ☐ C ☐ D	078 ☐ A ☐ B ☐ C ☐ D
004 ☐ A ☐ B ☐ C ☐ D	029 ☐ A ☐ B ☐ C ☐ D	054 ☐ A ☐ B ☐ C ☐ D	079 ☐ A ☐ B ☐ C ☐ D
005 ☐ A ☐ B ☐ C ☐ D	030 ☐ A ☐ B ☐ C ☐ D	055 ☐ A ☐ B ☐ C ☐ D	080 ☐ A ☐ B ☐ C ☐ D
006 ☐ A ☐ B ☐ C ☐ D	031 ☐ A ☐ B ☐ C ☐ D	056 ☐ A ☐ B ☐ C ☐ D	081 ☐ A ☐ B ☐ C ☐ D
007 ☐ A ☐ B ☐ C ☐ D	032 ☐ A ☐ B ☐ C ☐ D	057 ☐ A ☐ B ☐ C ☐ D	082 ☐ A ☐ B ☐ C ☐ D
008 ☐ A ☐ B ☐ C ☐ D	033 ☐ A ☐ B ☐ C ☐ D	058 ☐ A ☐ B ☐ C ☐ D	083 ☐ A ☐ B ☐ C ☐ D
009 ☐ A ☐ B ☐ C ☐ D	034 ☐ A ☐ B ☐ C ☐ D	059 ☐ A ☐ B ☐ C ☐ D	084 ☐ A ☐ B ☐ C ☐ D
010 ☐ A ☐ B ☐ C ☐ D	035 ☐ A ☐ B ☐ C ☐ D	060 ☐ A ☐ B ☐ C ☐ D	085 ☐ A ☐ B ☐ C ☐ D
011 ☐ A ☐ B ☐ C ☐ D	036 ☐ A ☐ B ☐ C ☐ D	061 ☐ A ☐ B ☐ C ☐ D	086 ☐ A ☐ B ☐ C ☐ D
012 ☐ A ☐ B ☐ C ☐ D	037 ☐ A ☐ B ☐ C ☐ D	062 ☐ A ☐ B ☐ C ☐ D	087 ☐ A ☐ B ☐ C ☐ D
013 ☐ A ☐ B ☐ C ☐ D	038 ☐ A ☐ B ☐ C ☐ D	063 ☐ A ☐ B ☐ C ☐ D	088 ☐ A ☐ B ☐ C ☐ D
014 ☐ A ☐ B ☐ C ☐ D	039 ☐ A ☐ B ☐ C ☐ D	064 ☐ A ☐ B ☐ C ☐ D	089 ☐ A ☐ B ☐ C ☐ D
015 ☐ A ☐ B ☐ C ☐ D	040 ☐ A ☐ B ☐ C ☐ D	065 ☐ A ☐ B ☐ C ☐ D	090 ☐ A ☐ B ☐ C ☐ D
016 ☐ A ☐ B ☐ C ☐ D	041 ☐ A ☐ B ☐ C ☐ D	066 ☐ A ☐ B ☐ C ☐ D	091 ☐ A ☐ B ☐ C ☐ D
017 ☐ A ☐ B ☐ C ☐ D	042 ☐ A ☐ B ☐ C ☐ D	067 ☐ A ☐ B ☐ C ☐ D	092 ☐ A ☐ B ☐ C ☐ D
018 ☐ A ☐ B ☐ C ☐ D	043 ☐ A ☐ B ☐ C ☐ D	068 ☐ A ☐ B ☐ C ☐ D	093 ☐ A ☐ B ☐ C ☐ D
019 ☐ A ☐ B ☐ C ☐ D	044 ☐ A ☐ B ☐ C ☐ D	069 ☐ A ☐ B ☐ C ☐ D	094 ☐ A ☐ B ☐ C ☐ D
020 ☐ A ☐ B ☐ C ☐ D	045 ☐ A ☐ B ☐ C ☐ D	070 ☐ A ☐ B ☐ C ☐ D	095 ☐ A ☐ B ☐ C ☐ D
021 ☐ A ☐ B ☐ C ☐ D	046 ☐ A ☐ B ☐ C ☐ D	071 ☐ A ☐ B ☐ C ☐ D	096 ☐ A ☐ B ☐ C ☐ D
022 ☐ A ☐ B ☐ C ☐ D	047 ☐ A ☐ B ☐ C ☐ D	072 ☐ A ☐ B ☐ C ☐ D	097 ☐ A ☐ B ☐ C ☐ D
023 ☐ A ☐ B ☐ C ☐ D	048 ☐ A ☐ B ☐ C ☐ D	073 ☐ A ☐ B ☐ C ☐ D	098 ☐ A ☐ B ☐ C ☐ D
024 ☐ A ☐ B ☐ C ☐ D	049 ☐ A ☐ B ☐ C ☐ D	074 ☐ A ☐ B ☐ C ☐ D	099 ☐ A ☐ B ☐ C ☐ D
025 ☐ A ☐ B ☐ C ☐ D	050 ☐ A ☐ B ☐ C ☐ D	075 ☐ A ☐ B ☐ C ☐ D	100 ☐ A ☐ B ☐ C ☐ D



TEACHER ANSWER KEY | PAPER 05

1 mark per correct answer. No negative marking.

ENGLISH | 1-15

001 B	004 D	007 C	010 C	013 D
002 D	005 D	008 C	011 B	014 C
003 C	006 C	009 A	012 C	015 C

HINDI | 16-30

016 D	019 C	022 D	025 D	028 B
017 D	020 D	023 A	026 C	029 B
018 C	021 D	024 A	027 B	030 A

MATHEMATICS | 31-65

031 A	038 A	045 A	052 C	059 C
032 A	039 A	046 C	053 D	060 B
033 C	040 D	047 A	054 A	061 A
034 D	041 D	048 D	055 C	062 D
035 B	042 D	049 B	056 B	063 B
036 A	043 C	050 D	057 B	064 D
037 B	044 C	051 A	058 B	065 A

GENERAL SCIENCE | 66-100

066 D	073 D	080 A	087 A	094 A
067 C	074 A	081 A	088 A	095 B
068 D	075 A	082 D	089 D	096 D
069 C	076 B	083 C	090 D	097 A
070 A	077 D	084 B	091 C	098 B
071 C	078 C	085 B	092 C	099 A
072 D	079 C	086 A	093 B	100 B