

AMU Class 9 Entrance Question Paper 2019

Style Practice Set

Original 85-question MCQ practice paper aligned with the 2019 Class IX pattern: Languages 25, Mathematics 30, Science 30. Time: 2 hours.

Important: This is an original practice resource created for preparation support. It is not an official AMU paper and does not reproduce copyrighted previous year papers.

Instructions

Total written practice marks	85
Suggested time	2 hours
Section-I	Languages - 25 MCQs
Section-II	Mathematics - 30 MCQs; Science - 30 MCQs
Marking	+1 for correct answer. No negative marking in this practice resource.
Note	Use an OMR sheet and do not check the answer key until the full paper is completed.

Section-I Languages

1. Choose the correct sentence.

A) He do not like tea. B) He does not like tea. C) He not like tea. D) He does not likes tea.

2. Choose the antonym of "expand".

A) increase B) grow C) shrink D) enlarge

3. Choose the correct preposition: She is good ____ mathematics.

A) on B) at C) over D) with

4. Choose the correct article: ____ honest boy helped us.

A) A B) An C) The D) No article

5. Choose the synonym of "brief".

A) short B) slow C) large D) weak

6. Identify the tense: They have been playing since morning.

A) Simple present B) Present continuous C) Present perfect continuous D) Simple past

7. Choose the correct punctuation.

A) Yes I can come. B) Yes, I can come. C) Yes I, can come. D) Yes, I can, come.

8. Choose the correct verb: The news ____ true.

A) are B) were C) is D) have

9. One-word substitution: A person who loves books.

A) Bibliophile B) Photographer C) Philosopher D) Xenophile

10. Find the error: Each of the students have a notebook.

A) Each B) of the C) students have D) a notebook

11. Choose the correctly spelled word.

A) Accomodate B) Acommodate C) Accommodate D) Acomodate

12. Fill in the blank: The teacher asked us ____ quiet.

A) be B) to be C) being D) been

13. Choose the opposite of "ancient".

A) old B) modern C) historic D) early

14. Choose the correct passive voice: She writes a letter.

A) A letter is written by her. B) A letter was written by her. C) A letter has written by her. D) A letter wrote by her.

15. Choose the direct speech: He said that he was tired.

- A) He said, "I am tired." B) He said, "He was tired." C) He said, "I was tired." D) He said, "I will tired."

16. Choose the correct plural of "child".

- A) childs B) children C) childes D) childrens

17. Choose the correct conjunction: I was tired, ____ I continued studying.

- A) or B) but C) because D) so

18. Choose the correct pronoun: This book is mine; that one is ____.

- A) your B) you C) yours D) yourself

19. Choose the correct degree: This is the ____ question in the test.

- A) easy B) easier C) easiest D) most easy

20. Choose the correct modal: You ____ obey the rules.

- A) must B) can C) may D) might

21. Choose the correct meaning of "rapid".

- A) slow B) quick C) lazy D) weak

22. Choose the correct sentence.

- A) Neither of the boys is absent. B) Neither of the boys are absent. C) Neither boys is absent. D) Neither boys are absent.

23. Fill in: The train arrived ____ time.

- A) in B) on C) at D) by

24. Choose the correct word: We should ____ our elders.

- A) respect B) inspect C) suspect D) expect

25. Choose the correct form: I prefer tea ____ coffee.

- A) than B) over C) to D) from

Section-II Mathematics

26. If 20% of x is 50, find x.

- A) 100 B) 200 C) 250 D) 300

27. Simplify: $(a + b)^2$.

- A) $a^2 + b^2$ B) $a^2 + 2ab + b^2$ C) $a^2 - 2ab + b^2$ D) $2a^2 + 2b^2$

28. A shopkeeper gains 10% on cost price Rs. 500. Selling price is:

- A) Rs. 510 B) Rs. 540 C) Rs. 550 D) Rs. 560

29. Solve: $3x - 7 = 11$.

- A) 4 B) 5 C) 6 D) 7

30. Area of a rectangle with length 12 cm and breadth 5 cm is:

- A) 17 sq cm B) 60 sq cm C) 120 sq cm D) 30 sq cm

31. 45 is what percent of 90?

- A) 25% B) 40% C) 50% D) 60%

32. Perimeter of a square is 36 cm. Side is:

- A) 6 cm B) 9 cm C) 12 cm D) 18 cm

33. Average of 6, 8 and 10 is:

- A) 7 B) 8 C) 9 D) 10

34. $2^3 \times 2^2$ equals:

A) 2^5 B) 2^6 C) 4^5 D) 8^2

35. If one angle of a linear pair is 65 degrees, the other is:

A) 105 degrees B) 115 degrees C) 125 degrees D) 95 degrees

36. The cube of 4 is:

A) 16 B) 32 C) 64 D) 128

37. If $5x = 45$, x equals:

A) 5 B) 7 C) 9 D) 11

38. Simple interest on Rs. 1000 at 5% per annum for 2 years is:

A) Rs. 50 B) Rs. 100 C) Rs. 150 D) Rs. 200

39. The sum of angles of a triangle is:

A) 90 degrees B) 180 degrees C) 270 degrees D) 360 degrees

40. The value of 0.25 as a fraction is:

A) $\frac{1}{2}$ B) $\frac{1}{3}$ C) $\frac{1}{4}$ D) $\frac{1}{5}$

41. If $a:b = 2:3$ and $b = 15$, then a is:

A) 5 B) 10 C) 12 D) 18

42. The perimeter of a rectangle 8 cm by 6 cm is:

A) 14 cm B) 28 cm C) 48 cm D) 96 cm

43. The square root of 144 is:

A) 10 B) 11 C) 12 D) 13

44. If $\frac{3}{4}$ of a number is 60, the number is:

A) 75 B) 80 C) 90 D) 100

45. The median of 3, 7, 9, 11, 15 is:

A) 7 B) 9 C) 11 D) 15

46. If $x + 9 = 21$, x equals:

A) 10 B) 11 C) 12 D) 13

47. The value of 15% of 200 is:

A) 20 B) 25 C) 30 D) 35

48. A right angle measures:

A) 45 degrees B) 60 degrees C) 90 degrees D) 180 degrees

49. Volume of a cube with side 3 cm is:

A) 9 cubic cm B) 18 cubic cm C) 27 cubic cm D) 81 cubic cm

50. The HCF of 12 and 18 is:

A) 3 B) 6 C) 9 D) 12

51. The LCM of 4 and 6 is:

A) 8 B) 10 C) 12 D) 24

52. The reciprocal of 5 is:

A) 5 B) $\frac{1}{5}$ C) -5 D) 0.5

53. If selling price is Rs. 660 and cost price is Rs. 600, gain percent is:

A) 5% B) 10% C) 15% D) 20%

54. A triangle with all sides equal is called:

A) scalene B) isosceles C) equilateral D) right-angled

55. The value of $7^2 - 5^2$ is:

- A) 12 B) 24 C) 34 D) 48

Section-II Science

56. Friction acts in which direction?

- A) Direction of motion B) Opposite to motion C) Always upward D) Always downward

57. SI unit of force is:

- A) Joule B) Pascal C) Newton D) Watt

58. Sound needs a ____ to travel.

- A) vacuum B) medium C) sunlight D) magnet

59. Metals are generally:

- A) poor conductors B) good conductors C) brittle D) non-malleable

60. Photosynthesis occurs mainly in:

- A) roots B) stems C) leaves D) flowers

61. Blood in humans is pumped by:

- A) lungs B) brain C) heart D) kidneys

62. The control centre of a cell is:

- A) ribosome B) nucleus C) vacuole D) cell wall

63. Neutralization usually produces:

- A) salt and water B) sugar and water C) oxygen and hydrogen D) smoke

64. Amoeba reproduces by:

- A) budding B) fragmentation C) binary fission D) spore formation

65. A non-renewable resource is:

- A) wind B) water C) coal D) sunlight

66. The force of attraction of Earth is called:

- A) friction B) magnetism C) gravity D) elasticity

67. The voice box in humans is called:

- A) larynx B) pharynx C) trachea D) bronchus

68. Which vitamin is produced in skin in sunlight?

- A) Vitamin A B) Vitamin B C) Vitamin C D) Vitamin D

69. The smallest unit of life is:

- A) tissue B) organ C) cell D) system

70. An example of a chemical change is:

- A) melting ice B) cutting paper C) burning paper D) boiling water

71. The process of conversion of water vapour into water is:

- A) evaporation B) condensation C) sublimation D) freezing

72. The male reproductive cells in plants are present in:

- A) pollen grains B) roots C) sepals D) petals

73. Which material is magnetic?

- A) wood B) plastic C) iron D) glass

74. The unit of electric current is:

A) volt B) ampere C) ohm D) joule

75. The gas used by plants during photosynthesis is:

A) oxygen B) nitrogen C) carbon dioxide D) hydrogen

76. The deficiency of iodine can cause:

A) goitre B) scurvy C) rickets D) anaemia

77. The change of a liquid into vapour is called:

A) condensation B) evaporation C) melting D) freezing

78. The process of removing waste from blood is done by:

A) heart B) lungs C) kidneys D) stomach

79. Which of the following is a good conductor?

A) rubber B) plastic C) copper D) wood

80. The pitch of sound depends on:

A) amplitude B) frequency C) temperature only D) colour

81. A push or pull is called:

A) energy B) force C) power D) work

82. The outermost layer of Earth is:

A) core B) mantle C) crust D) magma

83. Vaccines help the body develop:

A) immunity B) dehydration C) friction D) photosynthesis

84. Which gas supports burning?

A) nitrogen B) carbon dioxide C) oxygen D) helium

85. The method used to separate insoluble solid from liquid is:

A) filtration B) evaporation C) distillation D) magnetism