SSC MTS • PREPARATION SERIES

02

SSC MTS Mock Test 02

QUESTION PAPER & PRACTICE OMR

English-medium booklet

Two separately timed sessions. Original practice questions at SSC MTS standard, with a clear distinction between the no-penalty first session and the negatively marked second session.

90 MULTIPLE-CHOICE QUESTIONS	270 MAXIMUM MARKS
45 + 45 min TWO SEPARATE SESSIONS	EN LANGUAGE VERSION

Marking: +3 per correct answer in both sessions. Session I: no negative marking. Session II: −1 for each wrong answer.
Sections: Maths (20), Reasoning (20), General Awareness (25), English (25).

Independent practice material prepared for Scholars SSC Academy. Based on the SSC MTS/Havaldar 2025 notice (Scheme of Examination, paragraph 14.5). This is **not an official SSC paper or a claim that the 2026 notice is unchanged**; check ssc.gov.in for any subsequent notification.

SESSION I · MATHEMATICAL ABILITY

20 questions | 60 marks | No negative marking

01. Evaluate $17^2 - 13^2$.

(A) 100 (B) 112
(C) 120 (D) 136

02. Find the LCM of 15 and 24.

(A) 60 (B) 180
(C) 90 (D) 120

03. Two numbers are in ratio 4:7 and differ by 39. Find the larger number.

(A) 84 (B) 78
(C) 91 (D) 104

04. 35% of a number equals 140. What is the number?

(A) 375 (B) 420
(C) 400 (D) 350

05. An item priced ₹2,000 receives successive discounts of 10% and 20%. Find the final price.

(A) ₹1,440 (B) ₹1,400
(C) ₹1,500 (D) ₹1,600

06. Nine workers can finish a job in 16 days. After they work 4 days, how many more days will 12 equally efficient workers need?

(A) 8 (B) 10
(C) 9 (D) 12

07. A 12-L mixture has milk and water in ratio 5:1. If 3 L water is added, what is the new ratio?

(A) 3:1 (B) 5:2
(C) 1:1 (D) 2:1

08. The average of 8 values is 32. If 18 is replaced by 42, find the new average.

(A) 35 (B) 36
(C) 33 (D) 34

09. Calculate simple interest on ₹6,000 at 8% p.a. for 9 months.

(A) ₹340 (B) ₹360
(C) ₹400 (D) ₹300

10. A cyclist covers 15 km in 50 minutes. Find speed in km/h.

(A) 16 (B) 18
(C) 24 (D) 20

11. A trapezium has parallel sides 12 cm and 18 cm and height 8 cm. Find its area.

(A) 96 cm^2 (B) 108 cm^2
(C) 120 cm^2 (D) 144 cm^2

12. Find the complement of an angle measuring 37°.

(A) 63° (B) 43°
(C) 47° (D) 53°

13. If 3/8 of a number is 45, find the number.

(A) 100 (B) 110
(C) 135 (D) 120

14. Find the value of 1.25 × 0.8.

(A) 10 (B) 1.5
(C) 0.1 (D) 1

15. Find √2025.

(A) 45 (B) 55
(C) 35 (D) 40

16. An article is sold for ₹625 at a profit of 25% on cost. Find its cost price.

(A) ₹525 (B) ₹550
(C) ₹500 (D) ₹480

17. A father and son are 52 years old in total; father is three times as old as son. Find son's age.

(A) 14 (B) 13
(C) 12 (D) 11

18. Evaluate 2/3 + 3/4.

(A) 11/12 (B) 5/7
(C) 19/12 (D) 17/12

19. Rice costs ₹55 per kg. Find the price of 7.2 kg.

(A) ₹390 (B) ₹404
(C) ₹396 (D) ₹386

20. A chart shows values of 24, 36, 48 and 30 for four weeks. Find the difference between the highest and lowest values.

(A) 24 (B) 20
(C) 18 (D) 22

SESSION I · REASONING AND PROBLEM SOLVING

20 questions | 60 marks | No negative marking

21. Thermometer : Temperature :: Barometer : ?

(A) Altitude (B) Atmospheric pressure
(C) Humidity (D) Rainfall

22. Under the reverse-alphabet code A↔Z, B↔Y, etc., what does DOG become?

(A) WOG (B) WLT
(C) ELT (D) DLT

23. Starting from a point, someone walks 8 m east, 6 m north and 8 m west. Where are they relative to the start?

(A) 6 m south (B) 10 m northwest
(C) 6 m north (D) 8 m east

24. Neha is the sister of Arjun. Tara is Arjun's daughter. What is Neha's relation to Tara?

(A) Maternal aunt (B) Sister
(C) Paternal aunt (D) Grandmother

25. If the value of a word is the sum of letter positions (A=1, ..., Z=26), find the value of CODE.

(A) 27 (B) 25
(C) 24 (D) 29

26. All triangles are polygons. No polygon is a circle. What follows?

(A) No triangle is a circle (B) Some triangles are circles
(C) All polygons are triangles (D) All circles are triangles

27. Maya is ninth from both ends of a row. How many people are in the row?

(A) 18 (B) 17
(C) 16 (D) 19

28. Find the missing term: 1, 4, 9, 16, ?.

(A) 24 (B) 20
(C) 25 (D) 27

29. Which measurement pair is incorrect?

(A) Kilometre–Distance (B) Kilogram–Mass
(C) Celsius–Speed (D) Litre–Volume

30. If A sits directly right of B and C sits directly right of A, what is the order from left to right?

(A) C A B (B) B C A
(C) B A C (D) A B C

31. Karan is now 24 years old, twice his younger sister's age. How old will his sister be after 8 years?

(A) 16 (B) 22
(C) 18 (D) 20

32. If 1 January is a Wednesday, what day is 8 January of the same year?

(A) Tuesday (B) Monday
(C) Wednesday (D) Thursday

33. In the sequence P, R, U, Y, ?, successive alphabet gaps increase by one. Find ?.

(A) E (B) B
(C) D (D) C

34. If rain always makes the street wet, a wet street alone proves that it rained. Is this conclusion valid?

(A) Yes, always
(B) Only in summer
(C) No, another cause may wet it
(D) Only on Sundays

35. Symbols repeat in groups: ▲ ■ | ▲ ▲ ■ | ▲ ▲ ▲ ■ | ?. What symbol starts the next group?

(A) ◆
(B) ■
(C) ●
(D) ▲

36. Write NORTH in reverse letter order.

(A) HTNOR
(B) HRNOT
(C) HTRON
(D) THRON

37. A is north of B, and B is east of C. In which direction is A from C?

(A) Southwest
(B) Northwest
(C) Northeast
(D) Southeast

38. In a class of 40, 22 like cricket, 18 like football, and 8 like both. How many like neither?

(A) 6
(B) 8
(C) 10
(D) 12

39. In a line of seven people, X is third from the left and Y is third from the right. If X and Y are different people, how many people are between them?

(A) 2
(B) 0
(C) 1
(D) 3

40. In a code + means ×, × means −, and − means +. Evaluate 8 + 3 × 4 − 5.

(A) 23
(B) 21
(C) 27
(D) 25

SESSION II · GENERAL AWARENESS

25 questions | 75 marks | −1 per wrong answer

41. Directive Principles of State Policy are in which Part of the Indian Constitution?

(A) Part IV
(B) Part II
(C) Part III
(D) Part VI

42. Article 17 of the Constitution abolishes what practice?

(A) Untouchability
(B) Dowry
(C) Bonded labour
(D) Child labour

43. Which Article provides for the Finance Commission of India?

(A) Article 280
(B) Article 356
(C) Article 148
(D) Article 112

44. On which date was the Constitution of India adopted?

(A) 26 January 1950
(B) 2 October 1949
(C) 15 August 1947
(D) 26 November 1949

45. The Dandi March took place in which year?

(A) 1919
(B) 1930
(C) 1942
(D) 1922

46. Mahatma Gandhi returned to India from South Africa in which year?

(A) 1915
(B) 1920
(C) 1910
(D) 1905

47. The Jallianwala Bagh massacre occurred in which year?

(A) 1929
(B) 1905
(C) 1919
(D) 1917

48. The Konark Sun Temple is in which state?

(A) Rajasthan
(B) Bihar
(C) Odisha
(D) Maharashtra

49. The Yamuna is a major tributary of which river?

(A) Brahmaputra
(B) Narmada
(C) Ganga
(D) Godavari

50. The Kosi River is especially associated with floods in which state?

(A) Bihar (B) Punjab
(C) Goa (D) Kerala

51. The Thar Desert is mostly located in which Indian state?

(A) Haryana (B) Rajasthan
(C) Gujarat (D) Madhya Pradesh

52. Which is the largest continent by land area?

(A) North America (B) Africa
(C) Asia (D) Europe

53. What is the SI unit of electrical resistance?

(A) Ohm (B) Ampere
(C) Volt (D) Coulomb

54. On which part of the human eye is the image formed?

(A) Pupil (B) Retina
(C) Cornea (D) Iris

55. Which organelle is commonly called the powerhouse of the cell?

(A) Lysosome (B) Mitochondrion
(C) Golgi apparatus (D) Nucleus

56. An acid turns blue litmus paper which colour?

(A) Yellow (B) Blue
(C) Red (D) Green

57. Approximately how many elementary entities are in one mole?

(A) 9.8 (B) 3.0×10^{8}
(C) 1.6×10^{-19} (D) 6.022×10^{23}

58. Earth takes approximately how long to complete one revolution around the Sun?

(A) 24 hours (B) 365 days
(C) 30 days (D) 12 days

59. The ozone layer is concentrated mainly in which atmospheric layer?

(A) Troposphere (B) Thermosphere
(C) Mesosphere (D) Stratosphere

60. Which bacteria is associated with nitrogen fixation in legume root nodules?

(A) Lactobacillus (B) Rhizobium
(C) Vibrio (D) Salmonella

61. GDP is the abbreviation for ___.

(A) Gross Department Product (B) Global Development Plan
(C) General Domestic Price (D) Gross Domestic Product

62. The Annual Financial Statement of the Union is mentioned in which Article?

(A) Article 148 (B) Article 110
(C) Article 112 (D) Article 123

63. Kathak is a classical dance tradition primarily associated with which region?

(A) Northern India (B) Northeastern India
(C) Andaman Islands (D) Lakshadweep

64. The Hornbill Festival is celebrated in which state?

(A) Gujarat (B) Odisha
(C) Nagaland (D) Himachal Pradesh

65. India's national aquatic animal is the ___.

(A) Blue whale (B) Sea turtle
(C) Ganges river dolphin (D) Saltwater crocodile

SESSION II · ENGLISH LANGUAGE AND COMPREHENSION

25 questions | 75 marks | −1 per wrong answer

66. Choose the nearest synonym of "meticulous".

(A) careless
(B) unconcerned
(C) careful
(D) hurried

67. Choose an antonym of "expand".

(A) contract
(B) spread
(C) increase
(D) widen

68. Select the correctly spelt word.

(A) Previlige
(B) Privilage
(C) Priviledge
(D) Privilege

69. The list of names ___ ready.

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

70. Who is responsible ___ checking the entries?

(A) by
(B) for
(C) to
(D) with

71. My sister studies at ___ university.

(A) no article
(B) an
(C) the
(D) a

72. Choose the passive voice: "They will announce the results tomorrow."

(A) The results will be announced tomorrow.
(B) The results will announce tomorrow.
(C) The results have announcing tomorrow.
(D) The results were announce tomorrow.

73. Choose the correct reported speech: Rina said, "I have completed my work."

(A) Rina said she will complete the work.
(B) Rina said that I completed my work.
(C) Rina told that she has completed her work.
(D) Rina said that she had completed her work.

74. Complete: Hardly had the bell rung ___ the students entered.

(A) then
(B) than
(C) when
(D) that

75. The idiom "break the ice" means to ___.

(A) stop speaking
(B) destroy something frozen
(C) make others angry
(D) ease initial social tension

76. A person who knows and speaks many languages is a ___.

(A) novelist
(B) cartographer
(C) biologist
(D) polyglot

77. Choose the sentence with the correct "It is time" construction.

(A) It is time we leaving.
(B) It is time we left.
(C) It is time we leave.
(D) It is time we had leave.

78. Choose an antonym of "transparent".

(A) bright
(B) opaque
(C) clear
(D) visible

79. Which sentence is correctly arranged?

(A) After finishing his homework, he went outside.
(B) After his went homework he finishing outside.
(C) Finishing he outside after went homework.
(D) He outside went finishing after homework.

80. ___ he was tired, he finished the assignment.

(A) Unless
(B) Although
(C) Because
(D) Until

81. Which word is closest to "resilient"?

(A) unusually noisy
(B) unwilling to change clothes
(C) easily broken
(D) able to recover quickly

82. Choose the correct spelling of the word meaning "required".

(A) Necessary
(B) Neccessary
(C) Necesary
(D) Necassary

83. You ___ wear a seat belt while travelling in a car.

(A) may (B) must
(C) might (D) would

84. Choose the grammatically correct expression.

(A) Between I and you (B) Among you and me
(C) Between you and me (D) Between you and I

85. ___ I known your number, I would have called you.

(A) Will (B) Had
(C) Should (D) Have

Read this passage and answer Questions 86–90.

A school in a small town began collecting rainwater from the roof of its main building. The water flows through a covered pipe into a storage tank. It is used to water trees and clean the playground, but it is not supplied as drinking water. Students measure rainfall once a week and record the results on a noticeboard. During a dry month, the school uses water carefully and checks the tank for leaks. Teachers say the project helps children understand why water should be saved even in places that receive seasonal rain.

86. What does the school collect from the roof?

(A) Drinking milk (B) Solar cells
(C) Rainwater (D) Soil

87. Where does the collected water flow?

(A) Into a storage tank (B) Into the river
(C) Directly to drinking taps (D) Into a kitchen sink

88. Which use of stored water is specifically NOT permitted?

(A) Cleaning the playground (B) Watering trees
(C) Washing the ground (D) Drinking

89. How frequently do students record rainfall?

(A) Every day (B) Once a year
(C) Twice a day (D) Once a week

90. What does the project teach the students?

(A) Why rainwater is always safe to drink (B) Why plants need no water
(C) Why tanks never leak (D) Why water should be saved

Practice Answer Sheet · Mock 02

Name: _____ Date: _____ Session I: 45 min Session II: 45 min

Session I		Session II		Session II	
01	(A) (B) (C) (D)	31	(A) (B) (C) (D)	61	(A) (B) (C) (D)
02	(A) (B) (C) (D)	32	(A) (B) (C) (D)	62	(A) (B) (C) (D)
03	(A) (B) (C) (D)	33	(A) (B) (C) (D)	63	(A) (B) (C) (D)
04	(A) (B) (C) (D)	34	(A) (B) (C) (D)	64	(A) (B) (C) (D)
05	(A) (B) (C) (D)	35	(A) (B) (C) (D)	65	(A) (B) (C) (D)
06	(A) (B) (C) (D)	36	(A) (B) (C) (D)	66	(A) (B) (C) (D)
07	(A) (B) (C) (D)	37	(A) (B) (C) (D)	67	(A) (B) (C) (D)
08	(A) (B) (C) (D)	38	(A) (B) (C) (D)	68	(A) (B) (C) (D)
09	(A) (B) (C) (D)	39	(A) (B) (C) (D)	69	(A) (B) (C) (D)
10	(A) (B) (C) (D)	40	(A) (B) (C) (D)	70	(A) (B) (C) (D)
11	(A) (B) (C) (D)	41	(A) (B) (C) (D)	71	(A) (B) (C) (D)
12	(A) (B) (C) (D)	42	(A) (B) (C) (D)	72	(A) (B) (C) (D)
13	(A) (B) (C) (D)	43	(A) (B) (C) (D)	73	(A) (B) (C) (D)
14	(A) (B) (C) (D)	44	(A) (B) (C) (D)	74	(A) (B) (C) (D)
15	(A) (B) (C) (D)	45	(A) (B) (C) (D)	75	(A) (B) (C) (D)
16	(A) (B) (C) (D)	46	(A) (B) (C) (D)	76	(A) (B) (C) (D)
17	(A) (B) (C) (D)	47	(A) (B) (C) (D)	77	(A) (B) (C) (D)
18	(A) (B) (C) (D)	48	(A) (B) (C) (D)	78	(A) (B) (C) (D)
19	(A) (B) (C) (D)	49	(A) (B) (C) (D)	79	(A) (B) (C) (D)
20	(A) (B) (C) (D)	50	(A) (B) (C) (D)	80	(A) (B) (C) (D)
21	(A) (B) (C) (D)	51	(A) (B) (C) (D)	81	(A) (B) (C) (D)
22	(A) (B) (C) (D)	52	(A) (B) (C) (D)	82	(A) (B) (C) (D)
23	(A) (B) (C) (D)	53	(A) (B) (C) (D)	83	(A) (B) (C) (D)
24	(A) (B) (C) (D)	54	(A) (B) (C) (D)	84	(A) (B) (C) (D)
25	(A) (B) (C) (D)	55	(A) (B) (C) (D)	85	(A) (B) (C) (D)
26	(A) (B) (C) (D)	56	(A) (B) (C) (D)	86	(A) (B) (C) (D)
27	(A) (B) (C) (D)	57	(A) (B) (C) (D)	87	(A) (B) (C) (D)
28	(A) (B) (C) (D)	58	(A) (B) (C) (D)	88	(A) (B) (C) (D)
29	(A) (B) (C) (D)	59	(A) (B) (C) (D)	89	(A) (B) (C) (D)
30	(A) (B) (C) (D)	60	(A) (B) (C) (D)	90	(A) (B) (C) (D)

For pen-and-paper practice only. In the actual computer-based examination responses are selected on screen.