SCHOLARS SSC ACADEMY

SSC MTS
MOCK TEST 10

2026 PREPARATION SERIES

Detailed Solutions | English

Session I: Maths + Reasoning	40	120	45 minutes
Session II: GK + English	50	150	45 minutes

90 Questions | 270 Marks | 2 sessions
Session I: No negative marking. Session II: -1 mark per incorrect answer.
Original practice paper. Not an official SSC previous-year paper.
Practice pattern reference: official SSC MTS & Havaldar Examination 2025 notice.
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Answer Key / उत्तरमाला

Q.	Ans.	Q.	Ans.	Q.	Ans.	Q.	Ans.	Q.	Ans.
1	B	19	C	37	A	55	B	73	C
2	C	20	B	38	B	56	C	74	B
3	B	21	B	39	D	57	B	75	A
4	C	22	A	40	B	58	A	76	B
5	B	23	C	41	C	59	C	77	B
6	D	24	A	42	B	60	A	78	C
7	B	25	B	43	B	61	B	79	B
8	C	26	A	44	B	62	C	80	C
9	C	27	B	45	A	63	C	81	C
10	C	28	B	46	B	64	B	82	B
11	B	29	B	47	B	65	C	83	C
12	C	30	D	48	C	66	A	84	B
13	B	31	C	49	B	67	C	85	B
14	C	32	B	50	A	68	A	86	B
15	C	33	B	51	B	69	A	87	B
16	B	34	B	52	A	70	C	88	C
17	B	35	A	53	B	71	B	89	B
18	C	36	C	54	B	72	B	90	C

SESSION I - Numerical & Mathematical Ability

Q1. Find 18% of 650 plus 12% of 350.

Answer: (B) 159

0.18×650=117 and 0.12×350=42; sum=159.

Q2. Calculate 2.4 ÷ 0.06.

Answer: (C) 40

Multiply numerator and denominator by 100: 240/6=40.

Q3. Evaluate 64 − [12 + 3 × (9 − 5)].

Answer: (B) 40

9−5=4; 3×4=12; bracket=24; 64−24=40.

Q4. What is the smallest positive number that must be added to 385 to make a perfect square?

Answer: (C) 15

The next square is $20^2=400$; difference=400−385=15.

Q5. Five consecutive odd numbers have a middle term of 43. What is the largest?

Answer: (B) 47

The five numbers are 39,41,43,45,47.

Q6. A pipe fills a tank in 20 minutes while a leak empties it in 30 minutes. If both operate, how long to fill the empty tank?

Answer: (D) 60 minutes

Net rate=1/20−1/30=1/60 tank per minute; 60 minutes.

Q7. A father is three times his daughter's age. After 12 years he will be twice her age. Find the daughter's present age.

Answer: (B) 12 years

Let daughter=x. 3x+12=2(x+12), so x=12.

Q8. The three angles of a triangle are in the ratio 2:3:4. Find the largest angle.

Answer: (C) 80°

Total 9 parts=180°; one part=20°; largest=4×20=80°.

Q9. A taxi charges a fixed ₹35 plus ₹12 for each kilometre. Find the fare for 7 km.

Answer: (C) ₹119

Fare=35+12×7=₹119.

Q10. An item costs ₹1,500 and is sold at an 8% loss. Find its selling price.

Answer: (C) ₹1,380

Selling price=1500×(1−0.08)=₹1380.

Q11. A shop offers successive discounts of 20% and 10% on ₹2,500. Find the final price.

Answer: (B) ₹1,800

Final=2500×0.8×0.9=₹1800.

Q12. Find compound interest on ₹1,000 for 2 years at 10% per annum, compounded yearly.

Answer: (C) ₹210

Amount=$1000\times1.1^2=1210$; CI=1210−1000=₹210.

Q13. A runner covers 7.5 km in 25 minutes. Find the average speed in km/h.

Answer: (B) 18

25 min=5/12 hour; speed=7.5×12/5=18 km/h.

Q14. Find the volume of a cuboid of dimensions 12 cm × 5 cm × 4 cm.

Answer: (C) 240 cm³

Volume=length×breadth×height=12×5×4=240 cm³.

Q15. Find 3/8 of 416.

Answer: (C) 156

416÷8=52; 52×3=156.

Q16. Find the HCF of 60, 84 and 108.

Answer: (B) 12

60=12×5; 84=12×7; 108=12×9, so HCF=12.

Q17. 15 machines produce 600 units in 8 hours. At the same rate, how many units will 5 machines produce in 4 hours?

Answer: (B) 100

Output=600×(5/15)×(4/8)=100 units.

Q18. A map has a scale of 1 cm = 25 km. What actual distance does 7.2 cm represent?

Answer: (C) 180 km

7.2×25=180 km.

Q19. For the numbers 4, 8, 12, 18 and 24, find the difference between the mean and median.

Answer: (C) 1.2

Mean=66/5=13.2; median=12; difference=1.2.

Q20. A library issued 120 books in January, 150 in February and 135 in March. Find the monthly average.

Answer: (B) 135

Average=(120+150+135)/3=405/3=135.

SESSION I - Reasoning Ability & Problem Solving

Q21. Find the next number: 2, 6, 12, 20, 30, ___.

Answer: (B) 42

Terms are n(n+1) for n=1,2,3,...; 6×7=42.

Q22. Find the missing letter group: ACE, BDF, CEG, ___.

Answer: (A) DFH

Each position advances one letter: ACE→BDF→CEG→DFH.

Q23. Choose the odd one out.

Answer: (C) Shark

Dolphin, whale and bat are mammals; a shark is a fish.

Q24. A person walks 8 m east, 6 m north and 8 m west. Where is the person from the start?

Answer: (A) 6 m north

East and west cancel; displacement is 6 m north.

Q25. N is fourth from the left and fifth from the right in a row. How many people are in the row?

Answer: (B) 8

Total=4+5−1=8.

Q26. If TABLE is coded as ELBAT, how will CHAIR be coded?

Answer: (A) RIAHC

The word is reversed letter by letter: CHAIR→RIAHC.

Q27. A boy says, “She is the daughter of my mother’s only son.” Who is she to the boy?

Answer: (B) Daughter

The mother’s only son is the boy himself; she is his daughter.

Q28. Four students sit left to right as A, B, C, D. Who is immediately to the right of B?

Answer: (B) C

C occupies the seat immediately right of B.

Q29. If today is Thursday, what day will it be after 16 days?

Answer: (B) Saturday

16 leaves remainder 2 when divided by 7; Thursday+2 days=Saturday.

Q30. Which word cannot be formed using letters of RESCUE exactly as available?

Answer: (D) SOURCE

SOURCE needs O, which is absent from RESCUE.

Q31. 5 : 125 :: 4 : ___.

Answer: (C) 64

The right number is the cube of the left; $4^3=64$.

Q32. Statements: All red boxes are large. Some large boxes are fragile. Which conclusion is certain?

Answer: (B) All red boxes are large

Only the exact stated inclusion of red boxes within large boxes is guaranteed.

Q33. Dogs, Mammals and Animals are related as ___.

Answer: (B) Dogs inside Mammals inside Animals

Every dog is a mammal and every mammal is an animal: nested groups.

Q34. How many times does the letter N appear in EXAMINATION?

Answer: (B) 2

EXAMINATION is E-X-A-M-I-N-A-T-I-O-N, with N twice.

Q35. Arrange the words in dictionary order: STATIC, STATION, STATUE, STATUS.

Answer: (A) STATIC, STATION, STATUE, STATUS

STATI precedes STATU; within STATU, E comes before S.

Q36. P is older than Q, and Q is older than R. Who is the youngest?

Answer: (C) R

Age order P>Q>R makes R youngest.

Q37. A coding rule moves the last letter of a word to its front. MANGO becomes OMANG. What does PEACH become?

Answer: (A) HPEAC

Move H from the end of PEACH to the front: HPEAC.

Q38. Brush : Paint :: Broom : ___.

Answer: (B) Sweep

A brush is used for painting; a broom is used for sweeping.

Q39. Identify the number that is not a perfect cube.

Answer: (D) 300

$64=4^3$, $125=5^3$ and $216=6^3$; 300 is not a cube.

Q40. Statements: Some birds fly. All sparrows are birds. Is “All sparrows fly” logically certain?

Answer: (B) No, not necessarily

Only some birds are known to fly; nothing states that every sparrow flies.

SESSION II - General Awareness

Q41. Which Constitutional Amendment gave constitutional status to Panchayati Raj institutions?

Answer: (C) 73rd

The 73rd Amendment Act, 1992 introduced Part IX on Panchayats.

Q42. Which writ literally means “you shall have the body”?

Answer: (B) Habeas corpus

Habeas corpus is a writ used to require production of a detained person before a court.

Q43. Who is the constitutional head of the Union executive in India?

Answer: (B) President

The President is the constitutional head of the Union executive.

Q44. How many members can the President nominate to the Rajya Sabha under Article 80?

Answer: (B) 12

The Constitution permits the President to nominate twelve persons with special knowledge in specified fields.

Q45. What is the full form of UPI in digital payments?

Answer: (A) Unified Payments Interface

UPI stands for Unified Payments Interface.

Q46. Where was the first session of the Indian National Congress held in 1885?

Answer: (B) Bombay

The first session of the INC was held in Bombay (now Mumbai) in 1885.

Q47. Who was the first President of the Indian National Congress in 1885?

Answer: (B) W. C. Bonnerjee

Womesh Chunder Bonnerjee presided over the first INC session in 1885.

Q48. In which year did the Quit India Movement begin?

Answer: (C) 1942

The Quit India Movement was launched in August 1942.

Q49. In which city is the Gateway of India located?

Answer: (B) Mumbai

The Gateway of India monument is on the waterfront in Mumbai.

Q50. Rani ki Vav, a UNESCO World Heritage stepwell, is located in which state?

Answer: (A) Gujarat

Rani ki Vav is a stepwell in Patan, Gujarat.

Q51. The Mahanadi River ultimately drains into which water body?

Answer: (B) Bay of Bengal

The Mahanadi flows east across Odisha and empties into the Bay of Bengal.

Q52. Which river is popularly called the “Sorrow of Bihar” because of recurrent flooding?

Answer: (A) Kosi

The Kosi is popularly known by this name due to frequent floods and changes in course.

Q53. The removal of topsoil by wind or flowing water is called ___.

Answer: (B) Soil erosion

Soil erosion is the removal and transport of soil by agents including wind and water.

Q54. The Tropic of Capricorn is located in which hemisphere?

Answer: (B) Southern

The Tropic of Capricorn lies about 23.5° south of the Equator.

Q55. Jog Falls in Karnataka is formed by which river?

Answer: (B) Sharavathi

Jog Falls is formed by the Sharavathi River.

Q56. Which is India’s largest state by geographical area?

Answer: (C) Rajasthan

Rajasthan is the largest Indian state by area.

Q57. What colour does blue litmus paper turn in an acidic solution?

Answer: (B) Red

Acids turn blue litmus red.

Q58. Which device converts chemical energy into electrical energy in a simple circuit?

Answer: (A) Electric cell

An electric cell uses chemical reactions to provide electrical energy.

Q59. Which organ mainly filters waste from the blood to produce urine?

Answer: (C) Kidneys

The kidneys filter blood plasma and produce urine.

Q60. What does DNA stand for?

Answer: (A) Deoxyribonucleic Acid

DNA is the abbreviation for deoxyribonucleic acid.

Q61. Which non-metal is liquid at ordinary room temperature?

Answer: (B) Bromine

Bromine is a liquid non-metal near room temperature.

Q62. Which animal is India’s national animal?

Answer: (C) Tiger

The tiger (Panthera tigris) is India’s national animal.

Q63. Sunlight exposure helps the human skin synthesize which vitamin?

Answer: (C) Vitamin D

UVB radiation helps skin produce vitamin D3.

Q64. What chiefly causes day and night on Earth?

Answer: (B) Earth’s rotation on its axis

Earth rotates about its axis approximately once per day, causing alternating day and night.

Q65. Most everyday weather occurs in which layer of the atmosphere?

Answer: (C) Troposphere

Most clouds and weather systems occur in the troposphere, the lowest main atmospheric layer.

SESSION II - English Language & Comprehension

Q66. In “The team remained resilient after setbacks”, resilient means ___.

Answer: (A) Able to recover quickly

Resilient refers to recovering from setbacks or difficulties.

Q67. Choose the antonym of DILIGENT.

Answer: (C) Lazy

Diligent means hard-working and careful; lazy is its opposite.

Q68. Which spelling correctly describes someone who is thorough and dutiful?

Answer: (A) Conscientious

Conscientious is the correct spelling.

Q69. Identify the error: “He do not agree with this decision.”

Answer: (A) He do

With he, use does not agree, not do not agree.

Q70. Fill in the blank: “Anita is interested ___ classical music.”

Answer: (C) in

Interested is followed by the preposition in.

Q71. Fill in the blank: “The prize was shared ___ the two winners.”

Answer: (B) between

Between normally denotes a relationship involving two specified people.

Q72. Which sentence pairs “no sooner” with the correct conjunction?

Answer: (B) No sooner had she arrived than class started.

No sooner calls for inversion and is followed by than.

Q73. Choose the passive voice: “The mechanic repaired the bicycle.”

Answer: (C) The bicycle was repaired by the mechanic.

Past simple passive is was/were + past participle: was repaired.

Q74. Change to indirect speech: He asked me, “Where do you live?”

Answer: (B) He asked me where I lived.

In an indirect question, use statement word order and backshift do live→lived.

Q75. A person who makes maps is called a ___.

Answer: (A) Cartographer

A cartographer designs or produces maps.

Q76. The idiom “spill the beans” means ___.

Answer: (B) To reveal a secret

To spill the beans is to disclose information meant to be secret.

Q77. Choose the right word: “The school ___ addressed the assembly.”

Answer: (B) principal

Principal is a school head; principle means a rule or belief.

Q78. Fill in the blank: “He plans to study at ___ university.”

Answer: (C) a

University starts with a consonant /y/ sound, so a is correct.

Q79. Choose the correct expression.

Answer: (B) Fewer students attended today.

Use fewer for countable plural nouns such as students.

Q80. Choose the correct order: “the / technician / carefully / checked / wires”.

Answer: (C) The technician carefully checked the wires.

The natural order is subject + adverb + verb + object.

Q81. Complete the first conditional: “If it rains, we ___ indoors.”

Answer: (C) will stay

First conditional takes if + present simple, followed by will + verb.

Q82. Fill in the blank: “Neither of the answers ___ correct.”

Answer: (B) is

Neither of the answers is traditionally treated as singular in formal exam grammar.

Q83. Fill in the blank: “This is the ___ route of the three.”

Answer: (C) shortest

For three alternatives, use the superlative shortest.

Q84. In “The bus broke down on the highway”, broke down means ___.

Answer: (B) Stopped functioning

A vehicle that breaks down stops working because of a fault.

Q85. What does “put off” mean in “They put off the meeting”?

Answer: (B) Postpone

Put off means postpone to a later time.

> **Reading passage for Questions 86–90**
> A group of students noticed that many pedestrians avoided the shortest route to their school because a street corner was poorly lit. They counted how many people used each of three routes during the morning rush and recorded where walkers had to cross busy roads. They then presented their observations to the local council rather than demanding an immediate change. The council repaired a streetlight and added clearer crossing signs. A month later, the students repeated their count. More people used the shorter route, although the group noted that a single month of data could not prove a permanent change in behaviour.

Q86. Why did pedestrians avoid the shortest route?

Answer: (B) It had poor lighting at a corner.

The text identifies a poorly lit street corner as the reason.

Q87. What did the students count?

Answer: (B) People using each of three routes

The group counted people using each of three walking routes in the morning.

Q88. To whom did the students present their findings?

Answer: (C) The local council

They presented observations to the local council.

Q89. What did the council do after receiving the observations?

Answer: (B) Repaired a streetlight and improved crossing signs

The council repaired lighting and added clearer crossing signs.

Q90. Why were the students cautious about their final conclusion?

Answer: (C) One month of data did not show a permanent change.

The final sentence warns that a single month of data cannot establish a lasting behavioural change.

These explanations are prepared for practice. Faculty review is advisable before a high-stakes classroom examination.