SCHOLARS SSC ACADEMY

SSC MTS
MOCK TEST 09

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.
Book Free Demo Class: 88106 19307 | scholarssscacademy.in

Answer Key / उत्तरमाला

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

SESSION I - Numerical & Mathematical Ability

Q1. Evaluate 72 ÷ (8 + 4) × 7 − 9.

Answer: (B) 33

First 8+4=12; then 72÷12×7−9=6×7−9=33.

Q2. Find the value of 0.48 + 3/25.

Answer: (C) 0.60

3/25=0.12, hence 0.48+0.12=0.60.

Q3. Find the HCF of 126 and 210.

Answer: (B) 42

126=3×42 and 210=5×42; no larger common factor exists.

Q4. Find the least number exactly divisible by 12, 15 and 18.

Answer: (D) 180

LCM=$2^2 \times 3^2 \times 5 = 180$.

Q5. Two numbers are in the ratio 4:3 and their sum is 140. Find the larger number.

Answer: (A) 80

Seven parts equal 140, so one part is 20; larger number=4×20=80.

Q6. A marked price of ₹900 is reduced by 10% and then by a further 5%. Find the final price.

Answer: (C) ₹769.50

After the discounts, price=900×0.90×0.95=₹769.50.

Q7. A trader buys an item for ₹720 and sells it for ₹828. Find the profit percentage.

Answer: (B) 15%

Profit=828−720=108; profit%=108/720×100=15%.

Q8. A completes a job in 12 days and B in 18 days. How many days will they take together?

Answer: (C) 7.2 days

Combined daily work=1/12+1/18=5/36. Time=36/5=7.2 days.

Q9. Trains 150 m and 210 m long move in opposite directions at 36 km/h and 54 km/h. Time to pass one another?

Answer: (B) 14.4 s

Total distance=360 m; relative speed=90 km/h=25 m/s; time=360/25=14.4 s.

Q10. The average of 7 numbers is 24. If 18 is replaced by 39, find the new average.

Answer: (C) 27

Total rises by 39−18=21; average rises by 21/7=3. New average=27.

Q11. Calculate simple interest on ₹780 at 6.5% per year for 4 years.

Answer: (B) ₹202.80

SI=P×R×T/100=780×6.5×4/100=₹202.80.

Q12. The perimeter of a rectangle is 66 cm and its length is 21 cm. Find its area.

Answer: (B) 252 cm²

Length+breadth=66/2=33; breadth=12; area=21×12=252 cm².

Q13. Three-fifths of the students in a class equals 72. How many students are in the class?

Answer: (C) 120

Total=72×5/3=120.

Q14. A store sold 36, 48 and 60 notebooks on Monday, Tuesday and Wednesday. By what percentage did sales rise from Monday to Wednesday?

Answer: (C) 66⅔%

Increase=60−36=24; percentage=24/36×100=66⅔%.

Q15. A bus covers 225 km in 3 hours 45 minutes. Find its average speed.

Answer: (C) 60 km/h

3 h 45 min=3.75 h; speed=225/3.75=60 km/h.

Q16. What is the square of 0.35?

Answer: (B) 0.1225

0.35×0.35=0.1225.

Q17. Which fraction is greater?

Answer: (B) 5/8

5/8=15/24 while 7/12=14/24; 5/8 is larger.

Q18. An angle is supplementary to 126°. Find the angle.

Answer: (B) 54°

Supplementary angles sum to 180°; 180−126=54°.

Q19. Two workers share ₹12,500 in the ratio 2:3. What is the larger share?

Answer: (C) ₹7,500

Larger share=(3/5)×12500=₹7,500.

Q20. Find the circumference of a circle of radius 14 cm. Use π=22/7.

Answer: (C) 88 cm

Circumference=2πr=2×22/7×14=88 cm.

SESSION I - Reasoning Ability & Problem Solving

Q21. In a code, ORANGE is written as PSBOHF. How is GRAPE written?

Answer: (A) HSBQF

Each letter advances by one: G→H, R→S, A→B, P→Q, E→F.

Q22. Find the next term: 3, 8, 18, 38, 78, ___.

Answer: (B) 158

Each term is previous term×2+2; 78×2+2=158.

Q23. Which number pair does NOT follow the rule?

Answer: (D) 49 : 8

The second number is the square root of the first; √49=7, not 8.

Q24. Hand is related to Glove in the same way as Foot is related to ___.

Answer: (B) Sock

A glove covers a hand and a sock covers a foot.

Q25. Statements: All tulips are flowers. No flower is a stone. Which conclusion follows?

Answer: (B) No tulip is a stone

Tulips are contained in flowers, and flowers do not overlap stones.

Q26. Riya walks 7 km north, 5 km east and 7 km south. How far is she from the starting point?

Answer: (A) 5 km east

North and south movements cancel; she is 5 km east of her start.

Q27. A person faces south and turns 90° to the left. Which direction is the person now facing?

Answer: (B) East

When facing south, a left turn leads east.

Q28. If yesterday was Friday, what day will the day after tomorrow be?

Answer: (B) Monday

Yesterday Friday means today Saturday; two days after today is Monday.

Q29. How many letters lie strictly between M and T in the English alphabet?

Answer: (B) 6

N, O, P, Q, R and S are the six letters between them.

Q30. Choose the correct dictionary order for: GLOW, GLUE, GLOBE, GLORY.

Answer: (A) GLOBE, GLORY, GLOW, GLUE

Compare letters from left to right: GLOB comes before GLOR, GLOW and GLU.

Q31. Five students sit from left to right. T is immediately left of S; S is left of P; P is immediately left of Q; Q is immediately left of R. Who is in the middle?

Answer: (B) P

The order is T–S–P–Q–R, so P occupies the middle seat.

Q32. Which word is a palindrome (reads the same forward and backward)?

Answer: (B) LEVEL

LEVEL has the same letters in reverse order.

Q33. If A=1, B=2, ..., Z=26, what is the sum of the letter values of DOG?

Answer: (C) 26

D=4, O=15 and G=7; total=26.

Q34. Complete the sequence: 1, 4, 9, 16, 25, ___.

Answer: (C) 36

These are squares 1^2 through 6^2; next=36.

Q35. Statements: All mugs are cups. Some cups are blue. Which conclusion is definitely true?

Answer: (C) All mugs are cups

Only the stated inclusion of mugs in cups must be true.

Q36. Book : Author :: Painting : ___.

Answer: (B) Artist

An author creates a book; an artist creates a painting.

Q37. A shelf is above B, C is below B, and D is above A. Which shelf is highest?

Answer: (D) D

The vertical order from top to bottom is D, A, B, C.

Q38. A shape has 9 sides. What is it called?

Answer: (C) Nonagon

A nonagon is a polygon with nine sides.

Q39. If X is taller than Y and Y is taller than Z, which statement must be true?

Answer: (C) X is taller than Z

Height ordering is transitive: X>Y>Z, so X>Z.

Q40. In the word RAINBOW, which letter is third from the right?

Answer: (B) B

Counting from the right: W(1), O(2), B(3).

SESSION II - General Awareness

Q41. On which date was the Constitution of India adopted by the Constituent Assembly?

Answer: (B) 26 November 1949

The Constitution was adopted on 26 November 1949; most provisions came into force on 26 January 1950.

Q42. Which Article of the Indian Constitution protects life and personal liberty?

Answer: (C) Article 21

Article 21 states the protection of life and personal liberty.

Q43. Who serves as the ex-officio Chairperson of the Rajya Sabha?

Answer: (C) Vice-President

The Vice-President of India is the ex-officio Chairperson of the Rajya Sabha.

Q44. Fundamental Duties are listed in which Part of the Constitution?

Answer: (C) Part IV-A

Fundamental Duties were inserted as Part IV-A (Article 51A).

Q45. Which amendment originally added Fundamental Duties to the Constitution?

Answer: (B) 42nd Amendment

The 42nd Constitutional Amendment Act, 1976 inserted Fundamental Duties.

Q46. The uprising of 1857 began among sepoys at which major station?

Answer: (A) Meerut

The sepoy uprising erupted at Meerut on 10 May 1857.

Q47. Who led the Dandi Salt March in 1930?

Answer: (B) Mahatma Gandhi

Mahatma Gandhi led the Salt March from Sabarmati to Dandi.

Q48. Who founded the Brahmo Samaj in 1828?

Answer: (B) Raja Rammohan Roy

Raja Rammohan Roy founded the Brahmo Sabha (later Brahmo Samaj) in 1828.

Q49. Which script was used in most of Ashoka’s inscriptions?

Answer: (B) Brahmi

Most Ashokan inscriptions were written in the Brahmi script; some northwestern inscriptions used Kharoshthi.

Q50. The Brihadisvara Temple at Thanjavur was built under which dynasty?

Answer: (A) Chola

The Brihadisvara Temple was commissioned by Chola ruler Rajaraja I.

Q51. Which is the largest ocean on Earth by area?

Answer: (C) Pacific Ocean

The Pacific Ocean is the largest ocean by surface area.

Q52. India’s standard meridian is approximately which longitude?

Answer: (C) 82°30′ E

Indian Standard Time is based on the 82°30′ east meridian.

Q53. Kaziranga National Park is in which state?

Answer: (A) Assam

Kaziranga National Park is in Assam, noted for the greater one-horned rhinoceros.

Q54. Which crop is especially associated with the black cotton soil of the Deccan?

Answer: (B) Cotton

Black (regur) soil retains moisture and is traditionally associated with cotton cultivation.

Q55. The Sundarbans are part of the delta formed mainly by which river system?

Answer: (B) Ganga–Brahmaputra–Meghna

The Sundarbans occupy the lower Ganga–Brahmaputra–Meghna delta.

Q56. Which phenomenon separates white light into its constituent colours in a prism?

Answer: (A) Dispersion

Dispersion occurs because different colours refract by different amounts in a prism.

Q57. Which pigment in green plants absorbs light for photosynthesis?

Answer: (B) Chlorophyll

Chlorophyll captures light energy for photosynthesis.

Q58. Which protein in red blood cells carries most of the oxygen?

Answer: (C) Haemoglobin

Haemoglobin binds oxygen in red blood cells.

Q59. Deficiency of which vitamin causes beriberi?

Answer: (A) Vitamin B1

Beriberi is caused by a deficiency of thiamine (vitamin B1).

Q60. Which instrument is used to measure electric current in a circuit?

Answer: (B) Ammeter

An ammeter is connected in series to measure electric current.

Q61. What is the change from water vapour to liquid water called?

Answer: (B) Condensation

Gas changing to liquid is condensation, as in the formation of dew.

Q62. Which mode of heat transfer can occur through a vacuum?

Answer: (C) Radiation

Radiation travels through a vacuum; conduction and convection need matter.

Q63. How many chambers are present in a normal human heart?

Answer: (C) 4

There are two atria and two ventricles, for four chambers in all.

Q64. Which planet is especially known for its extensive visible ring system?

Answer: (C) Saturn

Saturn has the most prominent ring system visible in ordinary astronomy images.

Q65. At normal atmospheric pressure, pure water boils at approximately ___.

Answer: (C) 100°C

At 1 atmosphere, water boils at about 100°C; the temperature varies with pressure.

SESSION II - English Language & Comprehension

Q66. Choose the closest synonym of METICULOUS.

Answer: (B) Careful

Meticulous means very careful and attentive to detail.

Q67. Choose the antonym of SCARCE.

Answer: (C) Abundant

Scarce means in short supply; abundant means plentiful.

Q68. Select the correctly spelt word for a person who starts a business.

Answer: (B) Entrepreneur

Entrepreneur is the correct spelling.

Q69. Identify the error: “Each of the players have received a certificate.”

Answer: (C) have received

Each is singular, so write “has received.”

Q70. Fill in the blank: “She has been working here ___ 2020.”

Answer: (B) since

Since is used with a starting point in time; for is used with duration.

Q71. Fill in the blank: “He is good ___ mathematics.”

Answer: (C) at

The common expression is “good at” a subject or activity.

Q72. Which sentence uses “hardly ... when” correctly?

Answer: (B) Hardly had I entered when the bell rang.

Starting with hardly triggers subject-auxiliary inversion, followed by when.

Q73. Choose the passive voice: “They will announce the results tomorrow.”

Answer: (C) The results will be announced tomorrow.

Future passive is will be + past participle: will be announced.

Q74. Change to indirect speech: She said, “I am tired.”

Answer: (A) She said that she was tired.

With past reporting verb said, am normally backshifts to was; I becomes she.

Q75. What do we call a person who scientifically studies stars and planets?

Answer: (B) Astronomer

An astronomer studies celestial objects and phenomena.

Q76. A scientist who studies fossils is a ___.

Answer: (A) Palaeontologist

Palaeontology is the study of fossils and ancient life.

Q77. Choose the correct word: “The new rule may ___ attendance.”

Answer: (B) affect

Affect is a verb meaning influence; effect is usually a noun.

Q78. Fill in the blank: “She met ___ honest officer.”

Answer: (B) an

Honest begins with a vowel sound because h is silent; use an.

Q79. Select the correctly punctuated question.

Answer: (B) Where are you going?

A direct interrogative sentence ends with a question mark.

Q80. Choose the correctly arranged sentence using “the / librarian / arranged / books / neatly”.

Answer: (B) The librarian arranged books neatly.

Subject “The librarian” + verb “arranged” + object “books” + adverb “neatly.”

Q81. Fill in the blank: “By the time we reached the station, the train ___.”

Answer: (C) had left

The train left before another past action; use past perfect had left.

Q82. Fill in the blank: “Neither Ravi nor his friends ___ absent today.”

Answer: (C) are

With neither...nor, the plural nearer subject friends takes are.

Q83. Choose the correct word: “Of the two tasks, this one is ___.”

Answer: (B) easier

Use the comparative degree easier when comparing two things.

Q84. Choose the correct question tag: “You were at school yesterday, ___?”

Answer: (C) weren’t you

A positive past-tense statement with were takes the negative tag weren’t you.

Q85. What does the phrasal verb “look after” mean?

Answer: (B) Take care of

Look after someone or something means take care of them or it.

> **Reading passage for Questions 86–90**
> In a small town, volunteers opened a seed library inside the public reading room. Residents could borrow packets of vegetable seeds without paying. After growing a crop, they were encouraged to save a few seeds and return them for other gardeners. The volunteers also held short workshops on watering and soil care. In its first season, the library was most useful to families with little gardening experience. The organisers measured success not by the number of packets taken, but by the number of people who returned to share what they had learned.

Q86. According to the passage, where was the seed library located?

Answer: (B) Inside the public reading room

The opening sentence places the seed library inside the public reading room.

Q87. What were residents encouraged to return?

Answer: (B) A few saved seeds

After growing their crop, residents were asked to save and return some seeds.

Q88. What was taught during the workshops?

Answer: (B) Watering and soil care

The passage mentions workshops on watering and soil care.

Q89. Who benefited particularly during the first season?

Answer: (B) Families new to gardening

The passage says families with little gardening experience found it most useful.

Q90. How did the organisers mainly judge the library’s success?

Answer: (C) By people returning to share learning

They valued people coming back to share what they had learned.

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