SSC MTS • SCHOLARS PRACTICE SERIES

SSC MTS
MOCK TEST 03

Answer Key & Worked Solutions • English

90 Questions · 270 Marks · 2 Sessions

SESSION I
40 Q / 120 marks / 45 minutes

SESSION II
50 Q / 150 marks / 45 minutes

Session I marking
+3 correct · no negative marks

Session II marking
+3 correct · −1 incorrect

Based on the SSC MTS 2025 official examination scheme for practice. This is not an official SSC paper. English section is in English. Verify future notifications at ssc.gov.in.

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Answer Key

Options match the corresponding English and Hindi question papers.

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

Session I: +3 for correct, 0 for incorrect. Session II: +3 for correct, −1 for incorrect.

SESSION I · Numerical and Mathematical Ability

20 answers with explanations

Q01 · C — 32
32 = 5×6+2 = 7×4+4.

Q02 · A — 11/18
The values are approximately 0.583, 0.556, 0.600 and 0.611; 11/18 is greatest.

Q03 · C — 36
The numbers are 34, 35 and 36; their sum is 105.

Q04 · A — 2.25% decrease
100 becomes 85, then 85×1.15=97.75: a 2.25% decrease.

Q05 · C — Rs 1200
Selling price=1600×0.90=1440; cost=1440/1.20=1200.

Q06 · B — 7.2 days
Combined rate=1/12+1/18=5/36 job/day; time=36/5=7.2 days.

Q07 · A — 3 hours 36 minutes
Combined rate=1/6+1/9=5/18, time=18/5 h=3 h 36 min.

Q08 · A — 36 km/h
80 minutes=4/3 h; speed=48÷(4/3)=36 km/h.

Q09 · D — Rs 1375
Per metre=990/18=55; for 25 m=25×55=1375.

Q10 · D — 28 years
Original total=6×27=162; new total=196; mean=196/7=28.

Q11 · D — 240 cm²
Length=32-12=20; area=20×12=240 cm².

Q12 · B — 36 cm
Semicircular arc=πr=22 cm; diameter=14 cm; perimeter=36 cm.

Q13 · A — 16
7+3×12÷4=7+9=16.

Q14 · A — 132
Boys are 55% of 240 = 132.

Q15 · A — 130
Total=650; 650/5=130.

Q16 · C — 32%
1.10×1.20=1.32 times the starting population.

Q17 · D — Rs 30000
Savings are 70%×75%=52.5% of salary; 15750/.525=30000.

Q18 · B — 9/20
sqrt(81/400)=sqrt(81)/sqrt(400)=9/20.

Q19 · A — Rs 54
Pen=15, pencil=8; 2×15+3×8=54.

Q20 · D — 7/20
Total balls=8+7+5=20, so blue fraction is 7/20.

SESSION I · Reasoning Ability and Problem Solving

20 answers with explanations

Q21 · B — 190
Each term is twice the previous term plus 2: 94×2+2=190.

Q22 · D — USAIO
T→U, R→S, A→A, I→I, N→O; therefore USAIO.

Q23 · C — Northeast
Net movement is 4 m east and 8 m north: northeast.

Q24 · B — Maternal grandfather
The father of Sonia's mother is her maternal grandfather.

Q25 · D — Bird
A plant develops from a seed; a bird can develop from an egg.

Q26 · A — Some markers are not pens
The markers that are pencils cannot be pens, so some markers are not pens.

Q27 · A — 30
Total=12+19−1=30.

Q28 · A — 172.5°
Hour hand=277.5°, minute hand=90°; difference=187.5°, smaller=172.5°.

Q29 · C — Sunday
90 divided by 7 leaves remainder 6; six days after Monday is Sunday.

Q30 · A — 5
There are four 1×1 squares and one 2×2 square, total 5.

Q31 · B — QBUOB
Each letter moves forward one position: P→Q, A→B, T→U, N→O, A→B.

Q32 · A — 8
At least one=30+24−12=42; neither=50−42=8.

Q33 · B — White
The order is White > Green > Red > Blue > Yellow.

Q34 · D — S
S>P>Q>R, so S is greatest.

Q35 · C — 14
There are 7 ahead, Aman, and 6 behind: 14.

Q36 · B — 82
Each result is input²+1: 9²+1=82.

Q37 · B — H
H has vertical symmetry; the others do not.

Q38 · B — C
Their order is D, B, A, C.

Q39 · B — Farmer : Rain
A writer creates a book; a farmer does not create rain.

Q40 · A — 6
Three distinct digits can be arranged in 3!=6 ways.

SESSION II · General Awareness

25 answers with explanations

Q41 · C — Article 110
Article 110 defines a Money Bill.

Q42 · B — Ireland
The Irish Constitution influenced India’s Directive Principles.

Q43 · C — Anti-defection provisions
The Tenth Schedule contains provisions on disqualification for defection.

Q44 · A — 61st Amendment
The 61st Amendment Act, 1988, lowered the voting age.

Q45 · D — Article 51A
Article 51A lists Fundamental Duties.

Q46 · D — 1951–52
India’s first general elections took place in 1951–52.

Q47 · B — Lord Cornwallis
Cornwallis introduced the Permanent Settlement in 1793.

Q48 · D — Sir Syed Ahmad Khan
Sir Syed Ahmad Khan led the Aligarh Movement.

Q49 · D — 1917
The Champaran Satyagraha took place in 1917.

Q50 · B — Mohenjo-daro
The Great Bath is a distinctive structure at Mohenjo-daro.

Q51 · B — Mahanadi
The Hirakud Dam spans the Mahanadi in Odisha.

Q52 · B — Odisha
Chilika is a brackish water lagoon on the Odisha coast.

Q53 · C — Godavari
The Godavari is traditionally called the Dakshin Ganga.

Q54 · C — Manipur
Loktak is in Manipur and is known for floating phumdis.

Q55 · D — Hertz
Frequency is measured in hertz (Hz).

Q56 · B — Vitamin K
Vitamin K is needed for the synthesis of several clotting factors.

Q57 · D — Pancreas
The pancreatic beta cells release insulin.

Q58 · C — Xylem
Xylem conducts water and dissolved minerals upward.

Q59 · D — Mercury
Mercury is a liquid at ordinary room temperature.

Q60 · C — Vacuum
Sound needs material particles, so it cannot travel through a vacuum.

Q61 · A — Sodium
Na is the chemical symbol for sodium.

Q62 · B — Himalayas
The Himalayas form the major mountain barrier.

Q63 · D — 1949
RBI was established in 1935 and nationalised in 1949.

Q64 · D — Kautilya
Arthashastra is traditionally attributed to Kautilya (Chanakya).

Q65 · A — Assam
Bihu is a major traditional festival of Assam.

SESSION II · English Language and Comprehension

25 answers with explanations

Q66 · C — We had checked the report before the meeting began.
Past perfect had checked indicates completion before a past event.

Q67 · A — Economical
Frugal means avoiding unnecessary expenditure.

Q68 · A — Accidental
Deliberate means intentional; accidental means not intended.

Q69 · C — Cartographer
A cartographer is a person who makes maps.

Q70 · B — Reveal a secret
The idiom means to disclose previously hidden information.

Q71 · B — The meeting was postponed by the committee.
Simple past passive takes was/were + past participle.

Q72 · B — Mina asked Rohit whether he needed help.
An indirect yes/no question uses whether or if and statement word order.

Q73 · C — Embarrassment
Embarrassment contains double r and double s.

Q74 · C — on
The verb depend is followed by on.

Q75 · C — Either the coach or the players are arriving.
With either...or, a plural nearer subject (players) takes are.

Q76 · D — an
Hour starts with a vowel sound because the h is silent.

Q77 · C — had taken
A third conditional uses if + past perfect with would have + past participle.

Q78 · C — Although
Although introduces a concessive clause.

Q79 · C — affect
Affect is a verb meaning influence; effect is generally a noun.

Q80 · D — Q R S P
Read instructions, enter details, review, then submit.

Q81 · C — The courier has already delivered the parcel.
Present perfect: has/have + past participle; delivered is the past participle.

Q82 · A — “Where are you going?” he asked.
An interrogative quotation ends with a question mark.

Q83 · B — criteria
Criterion is singular; criteria is plural.

Q84 · A — Permanent
Permanent is the opposite of temporary.

Q85 · D — Despite
Despite is a preposition and can replace in spite of here.

Q86 · A — To encourage the return of crates
The deposit encourages shops to return reusable crates.

Q87 · D — By recording their numbers on a shared board
Workers recorded crate numbers on a shared board.

Q88 · C — Clearly printed labels were added
Volunteers added clear labels after crates were misplaced.

Q89 · B — Thirty-one
The passage reports thirty-one participating shops at the end.

Q90 · D — The reduction in packaging waste
The organisers said reduction in packaging waste would be their main measure.