SSC MTS • SCHOLARS PRACTICE SERIES

SSC MTS
MOCK TEST 06

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

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 — 144
LCM(8,9)=72; first three-digit multiple is 72×2=144.

Q02 · C — 24 km/h
Total 120 km; time=60/30+60/20=5 h; average=120/5=24.

Q03 · A — Rs 800
SP=1.25CP; CP=1000/1.25=800.

Q04 · A — 136 cm²
Area=1/2(13+21)×8=136 cm².

Q05 · B — Rs 8820
Amount=8000×(1.05)²=8820.

Q06 · B — Rs 1050
Two parts=420, so one part=210; first=5×210=1050.

Q07 · B — 72 km/h
Total distance=400 m; speed=20 m/s=72 km/h.

Q08 · C — 5/8
Daily rate=1/16+1/24=5/48; in 6 days 30/48=5/8.

Q09 · D — 54 cm²
9²+12²=15², so it is right-angled; area=1/2×9×12=54.

Q10 · D — 270
Science books=840×3/7=360; unborrowed=360×3/4=270.

Q11 · B — 22
25+18−21=22.

Q12 · C — 33 kg
2.75×12=33 kg.

Q13 · D — 20%
Decrease=480; 480/2400×100=20%.

Q14 · A — 86 cm
Width=450/25=18; perimeter=2(25+18)=86 cm.

Q15 · B — 50
Sum=200; average=200/4=50.

Q16 · D — Rs 2880
Five parts=1200, one part=240; total 12 parts=2880.

Q17 · D — 108
Two parts=18, so one part=9; total 12 parts=108.

Q18 · C — 9/20
0.45=45/100=9/20.

Q19 · C — 135 L
36/4=9 intervals; 9×15=135 L.

Q20 · B — 215
Total=14×18=252; occupied=252−37=215.

SESSION I · Reasoning Ability and Problem Solving

20 answers with explanations

Q21 · B — 56
Differences 4,6,8,10,12; next difference 14 gives 56.

Q22 · B — Dictionaries
A lexicographer compiles dictionaries.

Q23 · A — 5 km east
North and south movements cancel, leaving 5 km east.

Q24 · B — TNALP
Reverse P-L-A-N-T to T-N-A-L-P.

Q25 · B — Blue
The order from top is blue, green, red.

Q26 · D — Every violin is an instrument
The first statement guarantees only that all violins belong to the instrument class.

Q27 · B — 20
Total=9+12−1=20.

Q28 · B — No lemon is a mango
Mangoes and citrus fruits do not overlap; lemons lie inside citrus fruits.

Q29 · C — 6
Between L(12) and S(19) lie M,N,O,P,Q,R: six letters.

Q30 · C — Wood
Wood is not a metal; the others are metals.

Q31 · D — 2
Replace signs: 24÷6−2=4−2=2.

Q32 · A — 4
One fold makes two layers; folding that stack in half doubles layers to four.

Q33 · C — EV
First letter increases A,B,C,D,E; second decreases Z,Y,X,W,V.

Q34 · C — 30 years
Both ages increase equally, so their difference remains 30 years.

Q35 · A — T
From right: Y=1,R=2,O=3,T=4.

Q36 · C — 101
Apply n^2+1: $10^2+1=101$.

Q37 · D — (5,20)
The second number is the square of the first in the first three pairs; $5^2=25$, not 20.

Q38 · B — 4th
Right position=6−3+1=4.

Q39 · D — 1-3-4-2
A village lies inside a district, then state, then country.

Q40 · D — 6
Descending arrangement is 9,8,6,5,4,1, so third digit is 6.

SESSION II · General Awareness

25 answers with explanations

Q41 · A — 26 November 1949
The Constitution was adopted on 26 November 1949; most provisions came into force on 26 January 1950.

Q42 · D — We, the People of India
The Preamble opens with “We, the People of India”.

Q43 · A — Article 17
Article 17 abolishes untouchability and forbids its practice.

Q44 · B — 25 years
Article 84 sets 25 as the minimum age for Lok Sabha membership.

Q45 · C — Vice-President of India
The Vice-President serves as the ex-officio Chairperson of Rajya Sabha.

Q46 · C — Pakistan
Mohenjo-daro is in Sindh, Pakistan.

Q47 · A — Chandragupta Maurya
Chandragupta Maurya established the Mauryan Empire in the late fourth century BCE.

Q48 · C — Odisha
The Sun Temple at Konark is in Odisha.

Q49 · A — Narmada
The Narmada flows west through a rift valley to the Arabian Sea.

Q50 · B — Cotton
Black (regur) soil retains moisture and is suited to cotton.

Q51 · D — 8
The Tropic of Cancer crosses eight Indian states.

Q52 · B — Karakoram
K2 is a peak in the Karakoram range.

Q53 · A — Rain gauge
A rain gauge measures the amount of precipitation collected.

Q54 · C — Vacuum
Sound requires a material medium and cannot propagate through a vacuum.

Q55 · A — Vitamin A
Vitamin A is essential for normal vision in dim light.

Q56 · C — Vitamin D
Vitamin D supports intestinal absorption of calcium.

Q57 · A — Haemoglobin
Haemoglobin binds oxygen in red blood cells.

Q58 · B — Copper and zinc
Brass consists mainly of copper and zinc.

Q59 · C — Oxidation
Iron rusts by oxidation in the presence of oxygen and moisture.

Q60 · D — 10
$1010_2 = 8 + 2 = 10$ in decimal.

Q61 · D — Bihar
Nalanda Mahavihara is an ancient learning centre in Bihar.

Q62 · D — 5 June
The UN observes World Environment Day on 5 June.

Q63 · B — Mantle
The mantle lies between the crust and the core.

Q64 · A — Nitrogen
Nitrogen makes up approximately 78% of dry air by volume.

Q65 · A — Gross Domestic Product
GDP means Gross Domestic Product, the value of final goods and services produced within an economy over a period.

SESSION II · English Language and Comprehension

25 answers with explanations

Q66 · D — had started
Past perfect (had started) indicates an action completed before another past action.

Q67 · C — Able to recover
Resilient describes someone or something able to recover from difficulty.

Q68 · D — Sturdy
Sturdy means strong and not easily damaged; fragile means easily broken.

Q69 · B — to
“Agree to” is used when consenting to a proposal or plan.

Q70 · A — The classroom is being cleaned.
Present continuous passive uses is/are being + past participle.

Q71 · B — children
Children names people and is a noun.

Q72 · A — is
Information is generally uncountable and takes a singular verb.

Q73 · C — Maintenance
The standard spelling is maintenance.

Q74 · B — Very rarely
The idiom means an event happens very infrequently.

Q75 · C — children’s
Children is an irregular plural; its possessive is children’s (apostrophe + s).

Q76 · D — for
Responsible is conventionally followed by for + gerund or noun.

Q77 · D — haven’t you
Present perfect affirmative statement takes negative auxiliary tag: haven’t you?

Q78 · C — repair
After “to” in this infinitive construction, use the base verb repair.

Q79 · D — There are fewer cars on this road today.
Fewer is used with countable plural nouns such as cars.

Q80 · D — Meera said that she would call the next day.
Past reporting normally backshifts will→would and tomorrow→the next day.

Q81 · B — who
Who refers to the person who performed the action.

Q82 · A — Entomologist
An entomologist studies insects; an ornithologist studies birds.

Q83 · A — Either of the two paths leads to the station.
Either is singular as the head of the subject and takes leads.

Q84 · C — Stop functioning
Here “break down” means cease to function.

Q85 · C — when
The standard pattern is “hardly...when”.

Q86 · B — A short description and a scannable code
The passage lists a short description, approximate age and scannable code.

Q87 · A — Curators
Curators checked descriptions against the museum’s records.

Q88 · A — From printed information beside the cases
Printed information remained available beside display cases.

Q89 · D — To identify confusing terms
School groups reported terms that were confusing, helping editors simplify wording.

Q90 · A — Make exhibits easier to understand
The stated purpose was improved understanding, not replacement of objects or guides.