SSC MTS • PREPARATION SERIES

01

SSC MTS Mock Test 01

DETAILED ANSWERS & EXPLANATIONS

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.

Answer Key · Mock 01

Questions 01–40: Session I (no penalty). Questions 41–90: Session II (−1 per wrong answer).

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

SESSION I · MATHEMATICAL ABILITY

20 questions | 60 marks | No negative marking

Q01 · Answer C: 42

84=2×2×3×7 and 126=2×3×3×7. HCF=2×3×7=42.

Q02 · Answer B: 180

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

Q03 · Answer D: 104

(3/5)×240−(25/100)×160=144−40=104.

Q04 · Answer B: 480

Original=576/1.20=480.

Q05 · Answer C: 26

Sum=130; average=130/5=26.

Q06 · Answer C: ₹200

Larger amount=(5/8)×320=₹200.

Q07 · Answer C: 15%

Profit=120; profit %=120/800×100=15%.

Q08 · Answer D: ₹1,320

Discount=0.12×1500=180; price=₹1,320.

Q09 · Answer A: ₹600

SI=4000×7.5×2/100=₹600.

Q10 · Answer C: 10

Workers × days=constant: 8×15/12=10 days.

Q11 · Answer B: 54

Speed=180/12=15 m/s=15×3.6=54 km/h.

Q12 · Answer A: 60 cm

Perimeter=2(18+12)=60 cm.

Q13 · Answer B: 63 cm^2

Area=(1/2)×14×9=63 cm^2.

Q14 · Answer C: 14 cm

Side=√196=14 cm.

Q15 · Answer A: 12

3x=36, so x=12.

Q16 · Answer A: 4

0.36/0.09=36/9=4.

Q17 · Answer C: 4.8

30 minutes=0.5 hour; speed=2.4/0.5=4.8 km/h.

Q18 · Answer C: 80%

72/90×100=80%.

Q19 · Answer C: 5436

5+4+3+6=18, divisible by 9; the other digit sums are not multiples of 9.

Q20 · Answer D: 120

35+48+37=120 notebooks.

SESSION I · REASONING AND PROBLEM SOLVING

20 questions | 60 marks | No negative marking

Q21 · Answer B: U

Alphabet steps are +3, +4, +5, then +6; O+6=U.

Q22 · Answer A: 48

16, 25 and 36 are perfect squares; 48 is not.

Q23 · Answer A: DBU

C→D, A→B and T→U.

Q24 · Answer D: 13 m

By Pythagoras, $\sqrt{(5^2+12^2)}=13$ m.

Q25 · Answer B: Aunt

The father's sister is an aunt (paternal aunt).

Q26 · Answer D: eating

A book is read; food is eaten.

Q27 · Answer A: 64

The relation is cube: $3^3=27$, $4^3=64$.

Q28 · Answer D: plan, plane, planet, planned

Compare letters left to right: plan precedes plane; planet precedes planned.

Q29 · Answer C: All squares are polygons

The class of squares is contained in rectangles, which are contained in polygons.

Q30 · Answer D: 75°

Minute hand at 180°, hour hand at 105°; difference=75°.

Q31 · Answer C: 11

Total=5+7−1=11.

Q32 · Answer C: 42

Differences are 4,6,8,10,12; next=42.

Q33 · Answer C: No, not necessarily

The statement about some red flowers does not identify which flowers are roses.

Q34 · Answer D: C

The person immediately before D is C.

Q35 · Answer D: Monday

There are 14 days between the 1st and 15th, exactly two weeks.

Q36 · Answer C: 13

Third=first+second; 6+7=13.

Q37 · Answer A: Frog–Reptile

A frog is an amphibian, not a reptile.

Q38 · Answer B: PAM

Reverse M-A-P to P-A-M.

Q39 · Answer B: P > S

P>Q=R>S gives P>S.

Q40 · Answer C: TABLE

The first three are palindromes; TABLE is not.

SESSION II · GENERAL AWARENESS

25 questions | 75 marks | −1 per wrong answer

Q41 · Answer C: Part III

Part III of the Constitution contains Fundamental Rights.

Q42 · Answer B: Article 21

Article 21 concerns protection of life and personal liberty.

Q43 · Answer D: Election Commission

Article 324 vests election supervision and control in the Election Commission.

Q44 · Answer D: 73rd

The 73rd Constitutional Amendment deals with Panchayats.

Q45 · Answer B: Madhya Pradesh

Sanchi is in Madhya Pradesh.

Q46 · Answer A: 1757

The Battle of Plassey was fought in 1757.

Q47 · Answer B: 1905

The partition of Bengal in 1905 gave impetus to the Swadeshi Movement.

Q48 · Answer B: Maharashtra

The Ajanta Caves are in Maharashtra.

Q49 · Answer A: Gujarat

The Tropic of Cancer crosses Gujarat.

Q50 · Answer C: Arabian Sea

The Narmada flows westwards into the Arabian Sea.

Q51 · Answer D: Cotton

Black (regur) soil is well suited to cotton cultivation.

Q52 · Answer B: Western coast

They run along the western side of peninsular India.

Q53 · Answer C: Newton

Force is measured in newtons.

Q54 · Answer A: 100°C

The normal boiling point of water at 1 atm is about 100°C.

Q55 · Answer A: Chloroplast

Chlorophyll is found in chloroplasts.

Q56 · Answer A: Haemoglobin

Haemoglobin binds and transports oxygen.

Q57 · Answer B: 7

Neutral water has pH 7 at 25°C.

Q58 · Answer D: Sunlight

Plants capture light energy to synthesize food.

Q59 · Answer B: Herbivore

Plant-eating animals are herbivores.

Q60 · Answer A: Nitrogen

Nitrogen constitutes about 78% of dry air.

Q61 · Answer D: 1935

The RBI commenced operations on 1 April 1935.

Q62 · Answer B: prices

Inflation means a sustained increase in the general price level.

Q63 · Answer D: 2017

GST was launched in India on 1 July 2017.

Q64 · Answer C: Tamil Nadu

Bharatanatyam is rooted in Tamil Nadu.

Q65 · Answer B: Paris

UNESCO is headquartered in Paris, France.

SESSION II · ENGLISH LANGUAGE AND COMPREHENSION

25 questions | 75 marks | −1 per wrong answer

Q66 · Answer B: Accommodation

The correct spelling is accommodation (double c and double m).

Q67 · Answer D: concise

Brief and concise both mean short in expression.

Q68 · Answer B: abundant

Scarce means in short supply; abundant means plentiful.

Q69 · Answer D: since

Use since with a specific starting point in time.

Q70 · Answer A: has

The singular subject each takes has.

Q71 · Answer B: an

Honest begins with a vowel sound because h is silent.

Q72 · Answer A: in

Interested in is the correct collocation.

Q73 · Answer C: The plan was approved by the manager.

Simple past active becomes was/were + past participle in passive voice.

Q74 · Answer D: He said that he was tired.

Under normal past reporting, am changes to was and I to he.

Q75 · Answer A: are

Neither takes a singular verb here: “Neither of the answers is correct.”

Q76 · Answer A: very rarely

The idiom describes something that happens infrequently.

Q77 · Answer A: astronomer

An astronomer scientifically studies celestial objects.

Q78 · Answer B: Meera always visits the library on Sundays.

Standard word order is subject + adverb + verb + object + time phrase.

Q79 · Answer B: He is senior to me.

Senior takes the preposition to, not than.

Q80 · Answer B: will stay

In a real future conditional, use if + present and will + base verb.

Q81 · Answer D: analyses

Analysis changes to analyses in the plural.

Q82 · Answer A: stormy

A descriptive adjective is needed before weather.

Q83 · Answer C: had left

Past perfect shows an action completed before another past event.

Q84 · Answer C: admire them

Look up to means respect or admire.

Q85 · Answer D: What a wonderful day!

An exclamation naturally ends with an exclamation mark.

Q86 · Answer C: Every Saturday

The first sentence states that the library opens early every Saturday.

Q87 · Answer D: Two

Members can borrow two books.

Q88 · Answer C: Fourteen days

The passage states a fourteen-day loan period.

Q89 · Answer B: Newspapers for adults

A separate desk offers newspapers for adults.

Q90 · Answer A: To let more students read before afternoon activities

The final sentence explains the volunteers' goal.