SCHOLARS SSC ACADEMY

SSC | IBPS | NDA | RAILWAY | COMMERCE

SSC CPO 2026

PAPER-I • MOCK TEST 04

SOLUTION BOOKLET · EN

100	100	60	15
QUESTIONS	MARKS	MINUTES	MIN / PART

Four sections: Reasoning, General Awareness, Quantitative Aptitude and English Comprehension. Each has 25 questions and a separate 15-minute timer. Correct: +1; wrong: −0.25; unanswered: 0. Original academy practice material, not an official SSC paper.

Name / नाम: _____ Roll No.: _____

Date: _____ Centre: _____

Book Free Demo Class: 88106 19307

MOCK 04 · ANSWER KEY

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1:A	11:C	21:A	31:C	41:A	51:C	61:A	71:C	81:A	91:C
2:B	12:D	22:B	32:D	42:B	52:D	62:B	72:D	82:B	92:D
3:C	13:A	23:C	33:A	43:C	53:A	63:C	73:A	83:C	93:A
4:D	14:B	24:D	34:B	44:D	54:B	64:D	74:B	84:D	94:B
5:A	15:C	25:A	35:C	45:A	55:C	65:A	75:C	85:A	95:C
6:B	16:D	26:B	36:D	46:B	56:D	66:B	76:D	86:B	96:D
7:C	17:A	27:C	37:A	47:C	57:A	67:C	77:A	87:C	97:A
8:D	18:B	28:D	38:B	48:D	58:B	68:D	78:B	88:D	98:B
9:A	19:C	29:A	39:C	49:A	59:C	69:A	79:C	89:A	99:C
10:B	20:D	30:B	40:D	50:B	60:D	70:B	80:D	90:B	100:D

Scoring: +1 correct; −0.25 incorrect; 0 skipped. Complete the four timed sections before reviewing answers.

REASONING · EXPLANATIONS

Q01 · (A) 49
$8^2-2\times8+1=49$.

Q02 · (B) D
A B C D → C B A D → C D A B.

Q03 · (C) Every square has four right angles
A square is a rectangle and all rectangles have four right angles.

Q04 · (D) South-west
From B move 2 km west and 2 km south: south-west.

Q05 · (A) P
Order is S Q R P T; fourth is P.

Q06 · (B) 14
B=2 and G=7, hence $2\times7=14$.

Q07 · (C) 4 : 64
$27=3^3$ and $64=4^3$.

Q08 · (D) 6
Union $36-5=31$, so intersection $20+17-31=6$.

Q09 · (A) A person without a pass enters
Entry without a valid pass contradicts the stated necessary condition.

Q10 · (B) 6174
$8642-2468=6174$.

Q11 · (C) Wednesday
Today Monday, tomorrow Tuesday, the day after tomorrow Wednesday.

Q12 · (D) 8
Four small cubes lie along each edge; internal unpainted cubes $=(4-2)^3=8$.

Q13 · (A) Y
Reverse ANALYSIS gives SISYLANA; its fourth letter is Y.

Q14 · (B) 14
There are nine 1×1, four 2×2 and one 3×3 square: total 14.

Q15 · (C) 42
Terms are $n(n+1)$ for n=1,2,3,...; the sixth is $6\times7=42$.

Q16 · (D) Some athletes are readers
The athlete-student overlap lies inside the reader set.

Q17 · (A) 30
Total $=14+17-1=30$.

Q18 · (B) Kilogram
Kilogram measures mass; the others measure length.

Q19 · (C) 19
B=2,A=1,D=4,G=7,E=5; total 19.

Q20 · (D) No, other causes are possible
Both facts may coexist but the floor could be wet for other reasons.

Q21 · (A) RI
First letters step backward by two (Z,X,V,T,R); second step forward by two (A,C,E,G,I).

Q22 · (B) D
A>B>C>D in age.

Q23 · (C) X only
Exactly one excludes both together and neither; X alone satisfies the rule.

Q24 · (D) Number of marked dots
Rotation changes positions and directions but not how many dots are present.

Q25 · (A) 10
$2\times5=10$ minutes lost.

GENERAL AWARENESS · EXPLANATIONS

Q26 · (B) Article 23
Article 23 prohibits trafficking and forced labour.

Q27 · (C) 42nd Amendment
The 42nd Amendment Act, 1976 inserted 'socialist' and 'secular' in the Preamble.

Q28 · (D) Article 352
Article 352 provides for proclamation of an emergency on the specified grounds.

Q29 · (A) Five years
The ordinary term of Lok Sabha is five years under Article 83(2).

Q30 · (B) State Election Commission
State Election Commissions supervise, direct and control elections to Panchayats.

Q31 · (C) 1885
The Indian National Congress was founded in December 1885.

Q32 · (D) Chandragupta Maurya
Chandragupta Maurya founded the Mauryan Empire in the late fourth century BCE.

Q33 · (A) Akbar
The Buland Darwaza was built under Akbar to commemorate his Gujarat campaign.

Q34 · (B) Quit India Movement
Gandhi gave the 'Do or Die' call during the Quit India Movement in 1942.

Q35 · (C) Fourth Council
Kanishka is traditionally associated with the Fourth Buddhist Council in Kashmir.

Q36 · (D) Zoji La
Zoji La lies on the route between the Kashmir valley and Ladakh.

Q37 · (A) Ganga-Brahmaputra-Meghna
The extensive Sundarbans delta forms in the Ganga-Brahmaputra-Meghna basin.

Q38 · (B) Saturn
Saturn has the solar system's most extensive and prominent ring system.

Q39 · (C) Coromandel Coast
Northeast monsoon rains are important for Tamil Nadu's Coromandel Coast.

Q40 · (D) Strait of Hormuz
The Strait of Hormuz links the Persian Gulf to the Gulf of Oman and Arabian Sea.

Q41 · (A) Income tax
Income tax is levied directly on a person's or entity's income.

Q42 · (B) Volume of industrial production
IIP measures volume changes in industrial output across specified sectors.

Q43 · (C) Liquidity is absorbed
Buyers pay funds to the central bank, withdrawing liquidity from the banking system.

Q44 · (D) Iron
Iron is a key component of haemoglobin's heme group.

Q45 · (A) Cerebellum
The cerebellum is important for coordination, balance and posture.

Q46 · (B) Length
$R=\rho L/A$; at fixed resistivity and area, resistance is proportional to length.

Q47 · (C) Rusting of iron
Rusting produces new iron oxides, unlike the listed physical changes.

Q48 · (D) Concave lens
A diverging concave lens shifts the focus onto the retina for a myopic eye.

Q49 · (A) Malaria
Malaria is caused by Plasmodium, a protozoan parasite.

Q50 · (B) 100°C
At 1 atm, pure water boils at approximately 100°C.

QUANTITATIVE APTITUDE · EXPLANATIONS

Q51 · (C) 48 km/h
Total distance=240 km; time=3+2=5 hours; average speed=240/5=48.

Q52 · (D) 1% decrease
Factor=1.1×0.9=0.99; net decline=1%.

Q53 · (A) 10
Full time=6÷(3/8)=16 days; remaining=16−6=10 days.

Q54 · (B) ₹4,500
Capital-time products equal: 18000×8=12000×12, so profits are equal, ₹4500 each.

Q55 · (C) 36
Product of numbers=HCF×LCM=1080; other=1080/30=36.

Q56 · (D) 30
3/4×80=60 and 2/5×75=30; difference=30.

Q57 · (A) 1:1
By alligation, ratio=(260−230):(230−200)=30:30=1:1.

Q58 · (B) 450 m²
2(L+B)=90 ⇒ B=45−30=15; area=30×15=450.

Q59 · (C) 8
Volume ∝ r^3, so doubling radius multiplies it by $2^3=8$.

Q60 · (D) ₹50
For two years, difference=$P(R/100)^2$=5000×0.01=50.

Q61 · (A) 3/5
Probability=6/(4+6)=3/5.

Q62 · (B) 15 km
By Pythagoras, distance=$\sqrt{(9^2+12^2)}$=15 km.

Q63 · (C) 60
Score=64−0.25×16=60.

Q64 · (D) 13
7(x−3)=5(x+1) ⇒ 2x=26 ⇒ x=13.

Q65 · (A) 32
Remaining percentage=40%; 40% of 80=32.

Q66 · (B) 16
Sorted values 9,11,14,16,18,20,26; middle is 16.

Q67 · (C) 5/12
Hypotenuse=13, adjacent=12, opposite=5, so tan θ=5/12.

Q68 · (D) 4:9
Area ratio equals the square of side ratio: $2^2:3^2$=4:9.

Q69 · (A) 22 cm
Quarter circumference=(90/360)×2πr=22 cm.

Q70 · (B) 10 units
Distance=$\sqrt{[(8-2)^2+(11-3)^2]}$=$\sqrt{(36+64)}$=10.

Q71 · (C) 20
Total 12 parts; each part 48/12=4; girls=5×4=20.

Q72 · (D) 9
Average=(24+30+36+42)/4=33, which exceeds 24 by 9.

Q73 · (A) 12 seconds
Relative speed=90 km/h=25 m/s; total length=300 m, time=12 s.

Q74 · (B) 28
Required sum=4×24=96; known sum=68; fourth=28.

Q75 · (C) 100 cm²
For a square, diagonal=s√2; side=10 cm and area=100 cm^2.

ENGLISH COMPREHENSION · EXPLANATIONS

Q76 · (D) is
The head subject 'list' is singular, so it takes 'is'.

Q77 · (A) to
The correct collocation is 'adhere to' a rule or instruction.

Q78 · (B) The committee has submitted its recommendation.
Here the collective noun is treated as one body and agrees with singular 'its'; use 'has'.

Q79 · (C) She said that she would send the details the next day.
Will backshifts to would and tomorrow to the next day in reported speech.

Q80 · (D) The water level is being monitored.
Present continuous passive = is being + past participle.

Q81 · (A) Improve
Ameliorate means to make something better or less severe.

Q82 · (B) Flexible
Intransigent describes an unwillingness to compromise; flexible is opposite.

Q83 · (C) Conscientious
Conscientious is correctly spelt with 'sci' and '-tious'.

Q84 · (D) Undecided between alternatives
Being 'on the fence' means not having made a decision.

Q85 · (A) should
The formal construction uses 'lest ... should + base verb'.

Q86 · (B) Numismatist
A numismatist studies or collects coins and related currency objects.

Q87 · (C) their
Singular 'they/their' is widely accepted for a person of unspecified gender.

Q88 · (D) whose
Use the possessive relative pronoun 'whose' before the noun 'report'.

Q89 · (A) Hardly had the test started when the lights went out.
The standard construction is 'hardly ... when'.

Q90 · (B) He likes reading, swimming and cycling.
Three gerunds maintain parallel grammatical structure.

Q91 · (C) P–Q–R–S
Test, identify fault, revise and retest form a logical sequence.

Q92 · (D) will have completed
Future perfect describes completion before a specified future point.

Q93 · (A) Let the gate be closed.
An imperative can be made passive with 'Let + object + be + past participle'.

Q94 · (B) fewer
Use 'fewer' with plural countable nouns like 'errors'.

Q95 · (C) hearing
The 'to' in 'look forward to' is a preposition and takes a gerund.

Q96 · (D) To identify leaking taps and reduce waste
The audit sought water-loss points by examining public taps.

Q97 · (A) By recording flow and visible leakage
The team logged observed leakage and flow at different sites.

Q98 · (B) Repairing taps with the largest losses
Sites with the greatest losses received repair priority.

Q99 · (C) To check whether repairs had reduced water loss
Follow-up measurements tested the effect of repairs.

Q100 · (D) Measured results guided repair priorities
The group used recorded observations to choose and review repairs.