# SCHOLARS SSC ACADEMY

SSC | BANKING | RAILWAY | GOVT EXAMS

2026 REVISED SECTIONAL PATTERN

# SSC CPO PAPER-I MOCK TEST 02

**DETAILED SOLUTIONS · EN**

| 100 | 100 | 60 | 15 |
|---|---|---|---|
| QUESTIONS | MARKS | MINUTES | MIN / SECTION |

PART I - Reasoning | PART II - General Awareness | PART III - Quantitative Aptitude | PART IV - English Comprehension

**Instructions to candidates**

- Four parts contain 25 questions each. Practise with a separate 15-minute timer for each part.
- Award +1 for a correct answer and −0.25 for an incorrect answer. Unattempted answers score 0.
- The English Comprehension part is in English in both versions.
- This is original academy practice material, not an official SSC question paper.

Name / नाम: _____

Roll No.: _____ Date: _____

Prepared for independent self-assessment by Scholars SSC Academy · **scholarssscacademy.in**

# ANSWER KEY · MOCK TEST 02

Use this after completing the 60-minute test.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **01** A | **11** A | **21** A | **31** B | **41** A | **51** B | **61** B | **71** D | **81** A | **91** C |
| **02** D | **12** A | **22** A | **32** B | **42** B | **52** C | **62** B | **72** A | **82** B | **92** B |
| **03** D | **13** C | **23** A | **33** B | **43** B | **53** D | **63** B | **73** D | **83** A | **93** B |
| **04** A | **14** A | **24** A | **34** B | **44** B | **54** C | **64** C | **74** B | **84** A | **94** A |
| **05** A | **15** A | **25** A | **35** B | **45** B | **55** D | **65** C | **75** C | **85** B | **95** C |
| **06** D | **16** D | **26** A | **36** A | **46** B | **56** B | **66** B | **76** C | **86** A | **96** A |
| **07** D | **17** A | **27** A | **37** B | **47** A | **57** B | **67** B | **77** A | **87** B | **97** A |
| **08** A | **18** D | **28** B | **38** B | **48** B | **58** B | **68** D | **78** A | **88** B | **98** A |
| **09** A | **19** A | **29** C | **39** A | **49** A | **59** A | **69** D | **79** B | **89** B | **99** A |
| **10** D | **20** A | **30** B | **40** B | **50** C | **60** B | **70** A | **80** C | **90** B | **100** A |

**Marking:** 1 mark per correct response; −0.25 per wrong response; zero for skipped. Score = correct − 0.25 × wrong. The key letters are identical in English and Hindi booklets.

# REASONING · SOLUTIONS

**Q01 · Answer (A) 42**
Differences are 3, 5, 7, 9 and then 11. Therefore 31+11=42.

**Q02 · Answer (D) 144**
These are consecutive squares; next is $(12)^2 = 144$.

**Q03 · Answer (D) LIEVX**
Each letter moves 4 places forward in the alphabet: HEART → LIEVX.

**Q04 · Answer (A) No bus is wooden**
Every bus is within the vehicle set, which has no wooden members.

**Q05 · Answer (A) Father-in-law**
Ravi's daughter's mother is Ravi's wife. Her father is his father-in-law.

**Q06 · Answer (D) 9**
Northward and southward movements cancel. Final position is 9 m east.

**Q07 · Answer (D) 27**
Right rank = total − left rank + 1 = 45−19+1 = 27.

**Q08 · Answer (A) B**
The only possible order is D–A–B–C–E; the third book is B.

**Q09 · Answer (A) M < Q**
M<N=P≤Q implies M<Q.

**Q10 · Answer (D) 39**
29, 31 and 37 are prime; 39=3×13 is composite.

**Q11 · Answer (A) 56**
7×(7+1) = 56.

**Q12 · Answer (A) 33**
At least one = only Hindi + only English + both = 13+11+9 = 33.

**Q13 · Answer (C) 19**
In each row, second = 2×first+1 and third = 2×second+1. Hence third = 19.

**Q14 · Answer (A) A**
Position jumps +3,+4,+5,+6,+7: T(20)+7 =27→A.

**Q15 · Answer (A) 40°**
Angle=|30×5−5.5×20| = 40°.

**Q16 · Answer (D) Friday**
44 mod 7 = 2. Move 2 days ahead from Wednesday.

**Q17 · Answer (A) Books should be available to other readers**
The return period helps circulate books to other users; other options are unnecessarily absolute.

**Q18 · Answer (D) ANGLE**
Alphabetical order: ANGEL, ANGLE, GLEAM, GLEAN.

**Q19 · Answer (A) 19**
Replace symbols: 12+3×4−5 = 19.

**Q20 · Answer (A) NZK**
M↔N, A↔Z, P↔K, so NZK.

**Q21 · Answer (A) 8**
Only the eight corner cubes have three painted faces.

**Q22 · Answer (A) R–S–P–Q**
R<S<P<Q is the only ordering satisfying all three constraints.

**Q23 · Answer (A) Some managers are not accountants**
Managers who are engineers cannot be accountants, so some managers are not accountants.

**Q24 · Answer (A) 14**
Count 1×1:9, 2×2:4, 3×3:1. Total 14.

**Q25 · Answer (A) The file is not verified**
Contrapositive of verified → stamped is not stamped → not verified.

# GENERAL AWARENESS · SOLUTIONS

**Q26 · Answer (A) Article 148**
Article 148 creates the office of the CAG of India.

**Q27 · Answer (A) Article 14**
Article 14 guarantees equality before the law and equal protection of laws.

**Q28 · Answer (B) Panchayats**
The Eleventh Schedule lists subjects relating to Panchayats.

**Q29 · Answer (C) President**
Under Article 155, the President appoints a state's Governor.

**Q30 · Answer (B) 42nd**
The 42nd Amendment (1976) inserted Part IVA on Fundamental Duties.

**Q31 · Answer (B) Alexander Cunningham**
Alexander Cunningham was the first Director General of the ASI.

**Q32 · Answer (B) 1917**
Champaran Satyagraha in Bihar took place in 1917.

**Q33 · Answer (B) Ravi**
Harappa lies near the Ravi River, a tributary of the Indus.

**Q34 · Answer (B) Xuanzang**
Xuanzang (Hiuen Tsang) visited during Harsha's reign.

**Q35 · Answer (B) Andhra Pradesh**
Kuchipudi developed in the region of present-day Andhra Pradesh.

**Q36 · Answer (A) Windward western slope**
Moist monsoon winds rise along the western windward slope and produce heavy rainfall.

**Q37 · Answer (B) Andhra Pradesh**
Kolleru is a freshwater lake in Andhra Pradesh.

**Q38 · Answer (B) Arabian Sea**
The Narmada flows westwards into the Arabian Sea via the Gulf of Khambhat.

**Q39 · Answer (A) Leaching**
Intense rainfall leaches soluble minerals from weathered soil, promoting laterite formation.

**Q40 · Answer (B) Sri Lanka**
The Palk Strait lies between southeastern India and Sri Lanka.

**Q41 · Answer (A) Nominal GDP to real GDP**
GDP deflator = nominal GDP / real GDP × 100.

**Q42 · Answer (B) Fiscal deficit**
Fiscal deficit measures the gap between total expenditure and receipts excluding borrowings.

**Q43 · Answer (B) RBI**
Scheduled commercial banks maintain the required CRR balance with the RBI.

**Q44 · Answer (B) Chloroplast**
Chloroplasts contain chlorophyll and carry out photosynthesis.

**Q45 · Answer (B) Stratosphere**
Most atmospheric ozone resides in the stratosphere.

**Q46 · Answer (B) Beta cells**
Pancreatic beta cells produce insulin.

**Q47 · Answer (A) Acidic**
At 25°C, a pH below 7 indicates an acidic solution.

**Q48 · Answer (B) Carbon dioxide**
Dry ice is solid carbon dioxide.

**Q49 · Answer (A) Faraday**
Michael Faraday demonstrated electromagnetic induction in 1831.

**Q50 · Answer (C) 1 hour**
Earth rotates 360° in 24 hours, or 15° in one hour.

# QUANTITATIVE APTITUDE · SOLUTIONS

**Q51 · Answer (B) 721.6**
SP=1000×(1−18/100)×(1−12/100)=721.6.

**Q52 · Answer (C) 29%**
MP=1500; SP=1500×(1−14/100)=1290; profit%=(SP−CP)/CP×100=29%.

**Q53 · Answer (D) 36%**
Salt=18 litres, total 50; percentage=36%.

**Q54 · Answer (C) 20000**
Profit ratio A:B = 8000×12:12000×6. A's share = 35000×96000/(96000+72000)=20000.

**Q55 · Answer (D) 2940**
SI=P×R×T/100=14000×7×3/100=2940.

**Q56 · Answer (B) 4400**
CI=10,000[(1+20/100)²−1]=4400.

**Q57 · Answer (B) 9.6**
Combined rate=1/16+1/24 = 40/384; days=9.6.

**Q58 · Answer (B) 37.3333**
Net rate =1/16−1/28; time=37.3333 hours.

**Q59 · Answer (A) 24.5714**
Distance=210+220=430 m; speed=63×5/18 m/s; time=24.5714 s.

**Q60 · Answer (B) 3**
Stream speed=(downstream−upstream)/2=(22−16)/2=3.

**Q61 · Answer (B) 44.00**
New average = 42+(50−26)/12 = 44.00.

**Q62 · Answer (B) 36**
Middle age=total×(6)/(11)=36.

**Q63 · Answer (B) 300**
LCM×HCF=product, so LCM=60×100/20=300.

**Q64 · Answer (C) 9**
Factor (x−5)(x−9)=0; larger root is 9.

**Q65 · Answer (C) 15/17**
cos θ=√(1−sin²θ) = 15/17.

**Q66 · Answer (B) 100.57**
Area=π(R²−r²)=22/7×(81−49)=100.57.

**Q67 · Answer (B) 15√3**
tan 30°=height/distance=1/√3, hence distance=15√3 m.

**Q68 · Answer (D) 64√3**
Side=48/3=16; area=(√3/4)×16²=64√3.

**Q69 · Answer (D) 7392**
V=πr²h=(22/7)×14²×12=7392.

**Q70 · Answer (A) 43.33**
Mean=(32+40+58)/3=43.33.

**Q71 · Answer (D) 5/9**
Divide numerator and denominator by their common factor. Simplified fraction=5/9.

**Q72 · Answer (A) +11.8%**
Final index=100×(1+30/100)(1−14/100)=111.8; net change=+11.8%.

**Q73 · Answer (D) 169**
(a+b)²=a²+2ab+b²=(13)²=169.

**Q74 · Answer (B) 900**
Area ratio=1:25; larger area=36×25=900.

**Q75 · Answer (C) 19.6**
Average=(3×18+2×22)/5=98/5=19.6.

# ENGLISH COMPREHENSION · SOLUTIONS

**Q76 · Answer (C) are**
"A number of" takes a plural verb; "are" is correct.

**Q77 · Answer (A) on**
"Insist on" is the appropriate preposition.

**Q78 · Answer (A) If I were in charge, I would revise the schedule.**
Second conditional: if + past subjunctive, would + base verb.

**Q79 · Answer (B) precise**
Meticulous means giving careful attention to detail.

**Q80 · Answer (C) flexible**
Obdurate = stubborn; flexible is opposite.

**Q81 · Answer (A) concise**
Laconic speech uses very few words.

**Q82 · Answer (B) at exactly the last possible moment**
The idiom means just in time, before it is too late.

**Q83 · Answer (A) polyglot**
A polyglot is able to speak several languages.

**Q84 · Answer (A) Conscience**
"Conscience" is the correctly spelt noun.

**Q85 · Answer (B) The information is reliable.**
"Information" is an uncountable singular noun.

**Q86 · Answer (A) P–R–Q–S**
Reports prompt inspection, removal, and finally improvement.

**Q87 · Answer (B) The findings will be published tomorrow.**
Future simple passive = will be + past participle.

**Q88 · Answer (B) She said that she was preparing for the interview.**
Present continuous generally backshifts to past continuous after a past reporting verb.

**Q89 · Answer (B) with**
"Consistent with" is standard usage.

**Q90 · Answer (B) when**
The standard correlative is "hardly ... when".

**Q91 · Answer (C) obscure**
Lucid means clear; obscure means unclear.

**Q92 · Answer (B) judicious**
Prudent decisions are careful and judicious.

**Q93 · Answer (B) She enjoys reading, swimming, and cycling.**
Parallel gerunds "reading, swimming, cycling" are consistent.

**Q94 · Answer (A) Remove "of": Despite the rain, they continued.**
"Despite" is a preposition and is not followed by "of".

**Q95 · Answer (C) into**
A policy "comes into effect".

**Q96 · Answer (A) To catalogue local trees and plan shade**
The passage describes counting trees to identify places needing shade.

**Q97 · Answer (A) Tree species and canopy size**
They documented tree species, canopy spread and location.

**Q98 · Answer (A) Streets with the least shade**
The mapped data showed streets lacking canopy cover.

**Q99 · Answer (A) To check survival and growth**
A later assessment measured whether newly planted trees survived.

**Q100 · Answer (A) The group made decisions using measured local conditions.**
The group used recorded conditions to choose where and what to plant.