SCHOLARS SSC ACADEMY

SSC | BANKING | RAILWAY | GOVT EXAMS

2026 REVISED SECTIONAL PATTERN

SSC CPO PAPER-I MOCK TEST 02

समाधान पुस्तिका / SOLUTIONS · HI

100	100	60	15
QUESTIONS	MARKS	MINUTES	MIN / SECTION

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

अभ्यर्थी निर्देश

- प्रत्येक भाग में 25 प्रश्न हैं। प्रत्येक भाग के लिए अलग 15 मिनट का समय समझकर अभ्यास करें।
- सही उत्तर पर 1 अंक तथा गलत उत्तर पर 0.25 अंक की कटौती है।
- अंग्रेज़ी बोध भाग प्रश्न-पत्र के दोनों संस्करणों में अंग्रेज़ी में ही है।
- यह अकादमी की स्वनिर्मित अभ्यास सामग्री है, आयोग का आधिकारिक प्रश्न-पत्र नहीं।

Name / नाम: _____

Roll No.: _____ Date: _____

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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
सही उत्तर (A) 42। Differences are 3, 5, 7, 9 and then 11. Therefore 31+11=42.

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

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

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

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

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

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

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

Q09 · Answer (A) M < Q
सही उत्तर (A) M < Q। M<N=P≤Q implies M<Q.

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

Q11 · Answer (A) 56
सही उत्तर (A) 56। 7×(7+1) = 56.

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

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

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

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

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

Q17 · Answer (A) Books should be available to other readers
सही उत्तर (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
सही उत्तर (D) ANGLE। Alphabetical order: ANGEL, ANGLE, GLEAM, GLEAN.

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

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

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

Q22 · Answer (A) R–S–P–Q
सही उत्तर (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
सही उत्तर (A) Some managers are not accountants। Managers who are engineers cannot be accountants, so some managers are not accountants.

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

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

GENERAL AWARENESS · SOLUTIONS

Q26 · Answer (A) अनुच्छेद 148
सही उत्तर (A) अनुच्छेद 148। Article 148 creates the office of the CAG of India.

Q27 · Answer (A) अनुच्छेद 14
सही उत्तर (A) अनुच्छेद 14। Article 14 guarantees equality before the law and equal protection of laws.

Q28 · Answer (B) पंचायतें
सही उत्तर (B) पंचायतें। The Eleventh Schedule lists subjects relating to Panchayats.

Q29 · Answer (C) राष्ट्रपति
सही उत्तर (C) राष्ट्रपति। Under Article 155, the President appoints a state's Governor.

Q30 · Answer (B) 42वाँ
सही उत्तर (B) 42वाँ। The 42nd Amendment (1976) inserted Part IVA on Fundamental Duties.

Q31 · Answer (B) अलेक्ज़ेंडर कनिंघम
सही उत्तर (B) अलेक्ज़ेंडर कनिंघम। Alexander Cunningham was the first Director General of the ASI.

Q32 · Answer (B) 1917
सही उत्तर (B) 1917। Champaran Satyagraha in Bihar took place in 1917.

Q33 · Answer (B) रावी
सही उत्तर (B) रावी। Harappa lies near the Ravi River, a tributary of the Indus.

Q34 · Answer (B) ह्वेनसांग
सही उत्तर (B) ह्वेनसांग। Xuanzang (Hiuen Tsang) visited during Harsha's reign.

Q35 · Answer (B) आंध्र प्रदेश
सही उत्तर (B) आंध्र प्रदेश। Kuchipudi developed in the region of present-day Andhra Pradesh.

Q36 · Answer (A) पवनाभिमुख पश्चिमी ढाल
सही उत्तर (A) पवनाभिमुख पश्चिमी ढाल। Moist monsoon winds rise along the western windward slope and produce heavy rainfall.

Q37 · Answer (B) आंध्र प्रदेश
सही उत्तर (B) आंध्र प्रदेश। Kolleru is a freshwater lake in Andhra Pradesh.

Q38 · Answer (B) अरब सागर
सही उत्तर (B) अरब सागर। The Narmada flows westwards into the Arabian Sea via the Gulf of Khambhat.

Q39 · Answer (A) अपक्षालन
सही उत्तर (A) अपक्षालन। Intense rainfall leaches soluble minerals from weathered soil, promoting laterite formation.

Q40 · Answer (B) श्रीलंका
सही उत्तर (B) श्रीलंका। The Palk Strait lies between southeastern India and Sri Lanka.

Q41 · Answer (A) नाममात्र GDP / वास्तविक GDP
सही उत्तर (A) नाममात्र GDP / वास्तविक GDP। GDP deflator = nominal GDP / real GDP × 100.

Q42 · Answer (B) राजकोषीय घाटा
सही उत्तर (B) राजकोषीय घाटा। Fiscal deficit measures the gap between total expenditure and receipts excluding borrowings.

Q43 · Answer (B) आरबीआई
सही उत्तर (B) आरबीआई। Scheduled commercial banks maintain the required CRR balance with the RBI.

Q44 · Answer (B) हरितलवक
सही उत्तर (B) हरितलवक। Chloroplasts contain chlorophyll and carry out photosynthesis.

Q45 · Answer (B) समतापमंडल
सही उत्तर (B) समतापमंडल। Most atmospheric ozone resides in the stratosphere.

Q46 · Answer (B) बीटा कोशिकाएँ
सही उत्तर (B) बीटा कोशिकाएँ। Pancreatic beta cells produce insulin.

Q47 · Answer (A) अम्लीय
सही उत्तर (A) अम्लीय। At 25°C, a pH below 7 indicates an acidic solution.

Q48 · Answer (B) कार्बन डाइऑक्साइड
सही उत्तर (B) कार्बन डाइऑक्साइड। Dry ice is solid carbon dioxide.

Q49 · Answer (A) फैराडे
सही उत्तर (A) फैराडे। Michael Faraday demonstrated electromagnetic induction in 1831.

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

QUANTITATIVE APTITUDE · SOLUTIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Q75 · Answer (C) 19.6
सही उत्तर (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.