# SCHOLARS SSC ACADEMY

SSC | IBPS | NDA | RAILWAY | COMMERCE

SSC CPO 2026 · PAPER-I

# MOCK TEST 05

## DETAILED SOLUTIONS & ANSWER KEY

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

**Sectional timing:** 25 questions and 15 minutes per part. The four parts are Reasoning, General Awareness, Quantitative Aptitude and English Comprehension.

**Marking:** +1 correct | −0.25 wrong | 0 unanswered.

**Practice material:** Independently prepared by Scholars SSC Academy. This is not an official SSC question paper or previous-year question paper.

Candidate Name: _____

Roll Number: _____ Date: _____

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# Answer Key · SSC CPO Mock 05

Verify each answer using the worked solution pages that follow.

## PART I | GENERAL INTELLIGENCE & REASONING

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 01 A | 02 A | 03 C | 04 C | 05 A | 06 A | 07 A | 08 B | 09 A | 10 C |
| 11 A | 12 B | 13 B | 14 D | 15 A | 16 C | 17 B | 18 A | 19 A | 20 A |
| 21 B | 22 A | 23 A | 24 A | 25 A | | | | | |

## PART II | GENERAL KNOWLEDGE & AWARENESS

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 26 C | 27 A | 28 C | 29 A | 30 A | 31 A | 32 B | 33 A | 34 D | 35 A |
| 36 A | 37 C | 38 A | 39 A | 40 A | 41 B | 42 C | 43 A | 44 B | 45 C |
| 46 A | 47 B | 48 C | 49 C | 50 A | | | | | |

## PART III | QUANTITATIVE APTITUDE

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 51 B | 52 A | 53 B | 54 C | 55 B | 56 B | 57 B | 58 B | 59 B | 60 B |
| 61 B | 62 C | 63 C | 64 B | 65 C | 66 C | 67 A | 68 B | 69 B | 70 C |
| 71 D | 72 C | 73 B | 74 B | 75 C | | | | | |

## PART IV | ENGLISH COMPREHENSION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 76 B | 77 C | 78 B | 79 C | 80 A | 81 B | 82 C | 83 B | 84 B | 85 C |
| 86 B | 87 B | 88 A | 89 A | 90 C | 91 A | 92 A | 93 C | 94 A | 95 B |
| 96 B | 97 A | 98 A | 99 C | 100 B | | | | | |

# PART I | GENERAL INTELLIGENCE & REASONING

**25 QUESTIONS · 25 MARKS · 15 MINUTES**

**1. Answer: A** P is at position 3, Q at 4 and R at 6; position 5 is between them.

**2. Answer: A** E > D > C, so E > C; A cannot be compared with D or E.

**3. Answer: C** The fourth meeting is 27 days after Monday. 27 mod 7 = 6, so it falls on Sunday.

**4. Answer: C** The only arrangement is C-A-D-B-E. D is the third book.

**5. Answer: A** Each letter is replaced by its alphabetical position: M=13, I=9, N=14, T=20.

**6. Answer: A** The north and south movements cancel; the remaining displacement is 8 km east.

**7. Answer: A** By inclusion-exclusion: 26 + 19 − 8 = 37.

**8. Answer: B** Each term is twice the previous term plus 1. 79 × 2 + 1 = 159.

**9. Answer: A** The dates are 14 days apart, an exact multiple of seven; the weekday remains Friday.

**10. Answer: C** Choose any two of the 4 vertical grid lines and any two of the 3 horizontal lines: C(4,2) × C(3,2) = 6 × 3 = 18.

**11. Answer: A** For a 3 × 3 × 3 cube, 12 edge-centre cubes have two painted faces.

**12. Answer: B** The mother’s brother is Mira’s maternal uncle; his son is her cousin.

# PART I | GENERAL INTELLIGENCE & REASONING

**CONTINUED · SOLUTIONS**

**13. Answer: B** Alphabetical order is A, E, G, I, L, N, R, T; the fourth letter is I.

**14. Answer: D** $121=11^2$, $169=13^2$ and $196=14^2$; $221=13\times17$ is not a square.

**15. Answer: A** F→G, R→S, I→J, D→E, A→B, Y→Z: GSJEBZ.

**16. Answer: C** The descending order is R > P > Q > S; P is second.

**17. Answer: B** Both = 25 + 24 − 42 = 7.

**18. Answer: A** The pilots who are graduates belong to the class of readers; hence some pilots are readers.

**19. Answer: A** 24 − 3 = 21 days, which is three complete weeks; the weekday is Wednesday.

**20. Answer: A** Both letters advance four positions: B→F, D→H; K→O, M→Q.

**21. Answer: B** The ranking is X (1), Y (2), Z (3), W (4).

**22. Answer: A** Decode first: 12 ÷ 3 + 5 × 2 = 4 + 10 = 14.

**23. Answer: A** The first letters move +2 (A,C,E,G,I) and second letters move −2 (Z,X,V,T,R).

**24. Answer: A** The order is red > green > blue.

**25. Answer: A** North-entry implies having a pass, so lacking a pass rules out North-entry.

## PART II | GENERAL KNOWLEDGE & AWARENESS

**25 QUESTIONS · 25 MARKS · 15 MINUTES**

**26. Answer: C** The 61st Constitutional Amendment Act, 1988 lowered the voting age to 18.

**27. Answer: A** The Supreme Court is India's apex court.

**28. Answer: C** The Tropic of Cancer crosses eight Indian states.

**29. Answer: A** Stomata are abundant on leaf surfaces, through which much transpiration occurs.

**30. Answer: A** Raja Rammohan Roy founded Brahmo Samaj in Calcutta in 1828.

**31. Answer: A** Mercury is a liquid metal at ordinary room temperature.

**32. Answer: B** The 42nd Amendment (1976) inserted Part IVA, containing Fundamental Duties.

**33. Answer: A** Black or regur soil retains moisture well and supports cotton.

**34. Answer: D** UV-B radiation helps the skin produce vitamin D.

**35. Answer: A** The repo rate is the rate at which the RBI lends short-term funds to eligible banks against securities.

**36. Answer: A** Buland Darwaza was commissioned by Akbar.

**37. Answer: C** Resistance is measured in ohms (Ω).

# PART II | GENERAL KNOWLEDGE & AWARENESS

**CONTINUED · SOLUTIONS**

**38. Answer: A** Kathakali is the classical dance-drama tradition of Kerala.

**39. Answer: A** The Speaker of the Lok Sabha normally presides over a joint sitting.

**40. Answer: A** Platelets are central to the initial clotting response.

**41. Answer: B** The Narmada is a major west-flowing peninsular river.

**42. Answer: C** In oxygenic photosynthesis, splitting water releases oxygen.

**43. Answer: A** Lord Dalhousie used the Doctrine of Lapse to annex princely states.

**44. Answer: B** The Himalayas form the major mountain barrier.

**45. Answer: C** At 25°C, neutral water has equal H+ and OH− concentrations and pH 7.

**46. Answer: A** Anandamath was written by Bankim Chandra Chattopadhyay.

**47. Answer: B** Article 17 abolishes untouchability.

**48. Answer: C** Sunlight is naturally replenished and is a renewable resource.

**49. Answer: C** Kidneys filter blood and regulate fluid and electrolyte balance.

**50. Answer: A** The Battle of Plassey was fought in 1757.

# PART III | QUANTITATIVE APTITUDE

**25 QUESTIONS · 25 MARKS · 15 MINUTES**

**51. Answer: B** For seven consecutive odd integers, the middle integer equals the average, 31. Three steps of 2 give 37.

**52. Answer: A** SP = 2400 × 0.90 × 0.95 = ₹2,052.

**53. Answer: B** P = SI×100/(r×t) = 1440×100/(12×3) = ₹4,000.

**54. Answer: C** Total distance 180+120=300 m. Speed 54×5/18=15 m/s. Time=300/15=20 s.

**55. Answer: B** Downstream speed=12, upstream=6; stream speed=(12−6)/2=3 km/h.

**56. Answer: B** (5x+6)/(7x+6)=3/4 → 20x+24=21x+18 → x=6; A=5x=30.

**57. Answer: B** Hypotenuse=15; inradius r=(9+12−15)/2=3 cm.

**58. Answer: B** Square: $x^2+2+1/x^2=25$, so $x^2+1/x^2=23$.

**59. Answer: B** Combined rate=1/12+1/18=5/36; time=36/5=7.2 days.

**60. Answer: B** New time factor=1/1.25=0.8, a reduction of 20%.

**61. Answer: B** Total cost=12×48+8×58=1040; total mass=20; average=₹52/kg.

**62. Answer: C** 15% capacity=18 L; capacity=18/0.15=120 L.

# PART III | QUANTITATIVE APTITUDE

**CONTINUED · SOLUTIONS**

**63. Answer: C** One ratio unit=160/10=16; difference=(5−2)×16=48.

**64. Answer: B** Profit=1104−960=144; profit%=144/960×100=15%.

**65. Answer: C** Amount=5000×$(1.1)^2$=6050; CI=6050−5000=₹1,050.

**66. Answer: C** Product of the numbers=HCF×LCM=1080; other=1080/30=36.

**67. Answer: A** Favourable outcomes 3; total 8. Probability = 3/8.

**68. Answer: B** 1.10×0.90=0.99; net change = 1% decrease.

**69. Answer: B** y=9−x; 3x−2(9−x)=7 → 5x=25 → x=5.

**70. Answer: C** Circumference=2πr=2×22/7×14=88 m.

**71. Answer: D** Net rate=1/10−1/15=1/30; time=30 h.

**72. Answer: C** Let tens=t, units=u. t+u=11, t−u=3 ⇒ t=7, u=4 ⇒ 74.

**73. Answer: B** 2(l+b)=70 ⇒ l+b=35 ⇒ b=15. Area=20×15=300 $cm^2$.

**74. Answer: B** cos θ = √(1−$\sin^2\theta$)=√(1−9/25)=4/5.

**75. Answer: C** Original total=5×18=90. New total=90−12+27=105; mean=105/5=21.

# PART IV | ENGLISH COMPREHENSION

**25 QUESTIONS · 25 MARKS · 15 MINUTES**

**76. Answer: B** "Neither" is singular. Use "has been approved," not "have been approved."

**77. Answer: C** The main subject "quality" is singular, so "is improving" is correct.

**78. Answer: B** The standard collocation is "insist on" doing something.

**79. Answer: C** Present continuous passive uses "is/am/are being + past participle."

**80. Answer: A** With a past reporting verb, "have completed" typically backshifts to "had completed," and I→he.

**81. Answer: B** An etymologist studies word origins; an entomologist studies insects.

**82. Answer: C** Meticulous means very careful and accurate; careless is the opposite.

**83. Answer: B** Lucid means clear and easy to understand.

**84. Answer: B** To miss the boat means to fail to take advantage of an opportunity in time.

**85. Answer: C** The correct spelling is accommodation: double c and double m.

**86. Answer: B** The comparative adjective "senior" normally takes the preposition "to."

**87. Answer: B** "Nevertheless" contrasts the difficulty with the successful arrival.

# PART IV | ENGLISH COMPREHENSION

**CONTINUED · SOLUTIONS**

**88. Answer: A** Alarm triggers checking; the open window is discovered, then reported.

**89. Answer: A** Credible means believable and reliable; it appropriately describes evidence.

**90. Answer: C** Third conditional: if + past perfect, would have + past participle.

**91. Answer: A** "Put off" means postpone.

**92. Answer: A** An introductory phrase is naturally followed by a comma, with no comma separating subject from verb.

**93. Answer: C** "Information" is uncountable; "much" is grammatically compatible.

**94. Answer: A** "Hardly had + subject + past participle + when" is the correct structure.

**95. Answer: B** The adjective "consistent" collocates with "with" to indicate agreement.

# PART IV | ENGLISH COMPREHENSION

**CONTINUED · SOLUTIONS**

**96. Answer: B** The passage says the new system aimed to make access easier for people with different schedules.

**97. Answer: A** Demonstrations helped members who were less comfortable with the online process.

**98. Answer: A** Face-to-face assistance means personal, in-person help.

**99. Answer: C** The passage explicitly notes that reservations increased.

**100. Answer: B** The online reservation system and staffed counter coexisted.