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APSSB Forester

Previous Year Paper

26 Jun, 2022



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Series

A

CODE : CEM-2/22

Write here Roll Number and Answer Sheet No.

A

Roll No.

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Answer Sheet No.

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Duration : 3 Hours

Total Marks : 300

Declaration by Invigilator :

I Certify that I have checked that the Roll Number and the Answer Sheet Number written by the Candidate on the question paper and the OMR Sheet are correct and the Answer Sheet Number matches the Question Booklet Number exactly.

Declaration by Candidate :

I undertake not to employ any unfair means in this exam. I have checked the Question Booklet Number and the Answer Sheet Number and both are identical and have been correctly entered by me wherever indicated.

Signature of the Invigilator with Name

Signature of the Candidate with Name

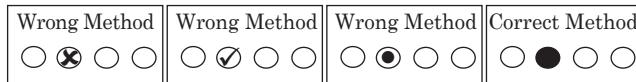
Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS TO CANDIDATES

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. Valuation of Answer Sheet will be done on the computer. Candidate should not make any stray marks on the Answer Sheet, tamper with or mutilate it. Otherwise it will not be evaluated.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. You must not tear off or remove any sheet from this Booklet. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
6. All questions are compulsory and each Question carries **2** marks.
7. **The paper carries negative markings. For each wrong answer 0.50 mark will be deducted.**
8. This Booklet contains 150 questions. Candidates must note that there will be 3 Sections in the question paper :

Sections	Test Components	No. of Questions	Page No.
A	General English	1-50	5-10
B	Elementary Mathematics	51-100	11-17
C	General Knowledge	101-150	18-23

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **24** pages.
13. **Directions :** Each question or incomplete statement is followed by four alternative suggested answers or completions. In each case, you are required to select the one that correctly answers the question or completes the statement and blacken (●) appropriate circle a, b, c or d by Blue / Black Ball-Point Pen provided by the board against the question concerned in the Answer Sheet.
14. Mark your answer by shading the appropriate circle against each question. The circle should be shaded completely without leaving any space. The correct method of shading is given below.



The Candidate must mark his/her response after careful consideration, as it is not possible to change the response once it is marked.

15. There is only one correct answer to each question. You should blacken (●) the circle of the appropriate column, viz., a, b, c or d. If you blacken (●) more than one circle against any one question, the answer will be treated as wrong.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**





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A

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CEM-2/22

SPACE FOR ROUGH WORK



A

-3-



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SPACE FOR ROUGH WORK



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A

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SECTION – A

(General English)

Direction (Q. No. 1 to 4) : Fill in the blanks with appropriate articles from the alternatives given below them.

Direction (Q. No. 5 and 6) : Fill in the blanks with suitable degrees of comparison from the alternatives given below them.

5. This river is _____ than that pond.
(a) deep (b) deeper (c) deepest (d) the deepest

6. Gayu's umbrella was _____ of the three.
(a) big (b) bigger (c) as big as (d) the biggest

Direction (Q. No. 7 and 8) : Fill in the blanks with appropriate modals from the alternatives given below them.

Direction (Q. No. 9 to 11) : Fill in the blanks with appropriate determiners/adjectives from the alternatives given below them.

9. We don't have _____ time to complete the test. We must try.

(a) few (b) enough (c) many (d) most



10. Anarghya has _____ paper clips.
(a) full (b) most (c) more (d) many

11. _____ is Ram doing in the evening ?
(a) Whose (b) Which (c) What (d) Whom

12. Fill in the blank with appropriate preposition from the alternatives given below it.
Poorna swam _____ the river.
(a) above (b) across (c) up (d) into

13. Fill in the blank with appropriate conjunction from the alternatives given below it.
The shop won't open _____ the owner comes back.
(a) so that (b) if (c) unless (d) until

Direction (Q. No. 14 and 15) : Fill in the blanks with suitable concord from the alternatives given below them.

14. Musicians and performers _____ often the most appreciated artists.
(a) is (b) has (c) are (d) does

15. One of the students _____ not following the instructions.
(a) are (b) am (c) were (d) is

Direction (Q. No. 16 to 18) : Fill in the blanks to complete the following sentences with the most suitable form of the verbs given in brackets.

16. Those workers _____ (work) since eight in the morning.
(a) work (b) working
(c) have been working (d) has worked

17. They _____ (travel) to their ancestral place when they were children.
(a) travel (b) travelled
(c) had travelled (d) has been traveling

18. The colleagues _____ (leave) by the time you reach there.
(a) leave (b) will leave (c) leaving (d) will have left

19. Identify the synonym of the given word from the alternatives given below it.
Diligent
(a) deformed (b) stout (c) industrious (d) empty



Direction (Q. No. 20 to 22) : Fill in the blanks with appropriate modals from the alternatives given below them.

20. I _____ never tell a lie.
(a) ought to (b) may (c) might (d) will

21. He has not worked hard, but he _____ pass the examination.
(a) will (b) might (c) can (d) do

22. Pranav _____ have caught the train if he had run fast.
(a) can (b) should (c) could (d) will

Direction (Q. No. 23 to 25) : Fill in the blanks with suitable collective nouns.

23. A _____ of camels.
(a) suite (b) string (c) army (d) bundle

24. A _____ of bees.
(a) gang (b) swarm (c) pack (d) stack

25. A _____ of hounds.
(a) bundle (b) stock (c) pack (d) gang

Direction (Q. No. 26 and 27) : Give the names of the young ones of the following animals with the help of the given choices.

26. Hare : _____
(a) cub (b) fawn (c) leveret (d) whelp

27. Stag : _____
(a) colt (b) fawn (c) lamb (d) kitten

Direction (Q. No. 28 to 30) : Write the words denoting sounds made by the noun subjects, from the alternatives given below them.

28. Telephones _____
(a) blow (b) beat (c) buzz (d) clank

29. Coins _____
(a) beat (b) crackle (c) crack (d) jingle

30. Babies _____
(a) boom (b) creak (c) lisp (d) chatter



Direction (Q. No. 31 to 33) : Choose the appropriate reported speech form of the given sentences from the alternatives given below them.

31. The teacher said, "I will take a test on English today."
 - (a) The teacher said that she will take a test on English today.
 - (b) The teacher said that she takes test on English.
 - (c) The teacher told that she will take test on English that day.
 - (d) The teacher said that she would take a test on English that day.

32. The Major said to the soldiers, "March ahead !"
 - (a) The Major requested the soldiers to march ahead.
 - (b) The Major told soldiers march ahead.
 - (c) The Major commanded the soldiers to march ahead.
 - (d) The Major said to the soldiers march ahead.

33. Medha said to Charit, "Are you feeling cold ?"
 - (a) Medha told Charit, is he feeling cold.
 - (b) Medha said Charit, if he feels cold.
 - (c) Medha said to Charit, were he feeling cold.
 - (d) Medha asked Charit whether he was feeling cold.

Direction (Q. No. 34 to 37) : Change the following sentences into passive voice and choose the appropriate alternative from the alternatives given below them.

34. Aanya has left the light on.
 - (a) The light was left by Aanya.
 - (b) The light has been left on by Aanya.
 - (c) The light had been left by Aanya.
 - (d) Aanya had left the light on.

35. Reena was decorating the room.
 - (a) The room was decorated by Reena.
 - (b) Room got decorated by Reena.
 - (c) The room had been decorated by Reena.
 - (d) The room was being decorated by Reena.



36. Achal is reading the newspaper.

- (a) The newspaper was read by Achal.
- (b) The newspaper has been read by Achal.
- (c) The newspaper is being read by Achal.
- (d) Achal reads newspaper.

37. Sheela wakes Ashwini in the morning.

- (a) Ashwini is waken up by Sheela.
- (b) Ashwini is woken by Sheela in the morning.
- (c) Ashwini wakes up by Sheela.
- (d) Ashwini has been waken by Sheela in the morning.

Direction (Q. No. 38 to 41) : Choose the appropriate meaning of the underlined idiomatic expressions from the alternatives given below them.

38. The family trusted him and he played them false.

- (a) Objected them
- (b) Made fun of them
- (c) Scolded them
- (d) Deceived them

39. Oliver has got the lion's share of the meal.

- (a) Largest portion
- (b) Small portion
- (c) Sumptuous meal
- (d) None of these

40. Aparna gave him a piece of her mind for spreading vile rumours.

- (a) Appreciated him
- (b) Gifted him
- (c) Scolded him
- (d) Praised him

41. Pranesh didn't cut the mustard as an opening batsman.

- (a) A subject of dispute
- (b) Cutting the mustard was tough
- (c) Warning sign of danger
- (d) Failed to meet the expectations

Direction (Q. No. 42 to 45) : Give one word substitutes to the following.

42. One who hates mankind.

- (a) Cannibal
- (b) Misanthropist
- (c) Apostate
- (d) Emigrant



Direction (Q. No. 46 and 47) : Fill in the blanks with suitable words for the homes or habitats of the noun subjects from the given choices.

46. An Eskimo's home is called as

- (a) Cottage
- (b) Igloo
- (c) Kennel
- (d) Wigwam

47. A pigeon lives in a

- (a) stable
- (b) eyrie
- (c) barracks
- (d) dovecote

Direction (Q. No. 48 to 50) : Choose the antonym of the given words from the choices given below them.

48. Absurd

(a) meagre (b) rational
(c) annihilate (d) ambiguous

49. Amuse

(a) noble (b) advance
(c) annoy (d) dearth

50. Absolve

(a) confirm (b) latent
(c) loathsome (d) punish



SECTION – B

51. If $x = \frac{1}{3}$, $y = \frac{1}{4}$, $z = \frac{1}{5}$, then $x : y : z =$

(a) $5 : 4 : 3$ (b) $15 : 12 : 9$
(c) $20 : 15 : 12$ (d) $20 : 12 : 9$

52. A two digit number is 4 times the sum of digits. If 27 is added to it, the digits are reversed, then the number is

(a) 54 (b) 45
(c) 36 (d) 72

53. If $\frac{a}{3} = \frac{b}{4} = \frac{c}{7}$, then $\frac{a+b+c}{c} =$

(a) 4 (b) 3
(c) 2 (d) 1

54. On selling a kg of millet for ₹ 40, a trader gains a profit of 25%. The cost price of the millet per kg is

(a) ₹ 32 (b) ₹ 48
(c) ₹ 30 (d) ₹ 36

55. $0.32\bar{1} =$

(a) $\frac{289}{900}$ (b) $\frac{289}{990}$
(c) $\frac{32}{99}$ (d) $\frac{16}{45}$

56. If $\frac{a}{b} = \frac{5}{3}$, then $\frac{a+b}{a-b} =$

(a) 4 (b) 5
(c) 3 (d) 6



57. If ₹ 150 is divided among A and B in the ratio $\frac{1}{2} : \frac{1}{3}$, then B's share is
(a) ₹ 75 (b) ₹ 50 (c) ₹ 60 (d) ₹ 90

58. If a train travelled 5 km/hr faster, it would take 1 hour less to travel 210 kms, then the speed of the train is
(a) 30 km/hr (b) 35 km/hr
(c) 45 km/hr (d) None of these

59. If 10 times a number exceeds 7 times the number by 30, then the number is
(a) 20 (b) 40
(c) 10 (d) 30

60. If $5x + 1 = 7 - 8x$, then $x =$
(a) 2 (b) $\frac{6}{13}$
(c) 1 (d) $\frac{13}{6}$

61. If $\frac{1}{3}$ rd of a number is a greater than $\frac{1}{5}$ th of the number by 8, then the number is
(a) 50 (b) 40
(c) 80 (d) 60

62. The sum of 2 numbers is 28. Two times the first number is greater than thrice the second number by 16. The numbers are
(a) 20, 8 (b) 16, 12
(c) 15, 13 (d) 21, 7

63. Two numbers are in the ratio 3 : 4. If 4 is subtracted from each, they will be in the ratio 2 : 3. The numbers are
(a) 12, 16 (b) 24, 32
(c) 6, 8 (d) None of these

64. A is older than B by 5 years. 10 years earlier A's age was $\frac{3}{2}$ times of B's age, their present ages are
(a) 25, 20 (b) 30, 25
(c) 45, 40 (d) 35, 30





73. An alloy contains copper and zinc in the ratio 9 : 4. The zinc required to melt with 24 kgs of copper is

(a) $10\frac{2}{3}$ kg (b) $10\frac{1}{3}$ kg
(c) $9\frac{2}{3}$ kg (d) 9 kg

74. Simple interest on ₹ 3,500 for 3 years at 12% p.a. is

(a) ₹ 1,200 (b) ₹ 1,260
(c) ₹ 2,260 (d) None of these

75. If 40 % of 50 = x % of 80, then the value of x =

(a) 20 (b) 25
(c) 30 (d) 40

76. Find the rent of 84 acres of agricultural land at ₹ 30,000 for 16 acres.

(a) ₹ 1,00,000 (b) ₹ 1,57,500
(c) ₹ 36,000 (d) None of these

77. The number which when subtracted from each of the terms in the ratio 19 : 31 reducing it to 1 : 4 is

(a) 15 (b) 5 (c) 1 (d) None of these

78. If Mr. A takes 4 days to complete a task and Ms. B takes 6 days to complete the same task, then A and B together take how long to complete the same task ?

(a) 5.5 days (b) 6.2 days
(c) 2.4 days (d) 3 days

79. The difference between two 2-digit number and the sum of its digits is always a multiple of

(a) 1 (b) 9 (c) 6 (d) 11

80. $8316 \div 6 \times 11 - 2662 =$

(a) 12500 (b) 12584
(c) 15284 (d) None of these





88. The speed of a train is 12 m/s and it takes 15 seconds to cross a telegraph post. The length of the train must be
(a) 300 m (b) 250 m
(c) 225 m (d) None of these

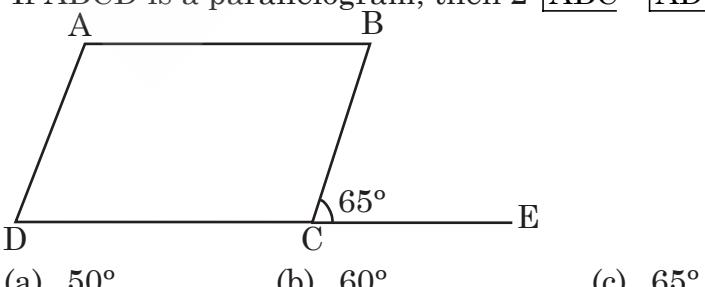
89. Two numbers are in the ratio 7 : 8. If 3 is added to each of them, their ratio becomes 8 : 9. The numbers are
(a) 14, 16 (b) 24, 27
(c) 21, 24 (d) 16, 18

90. Ram and Uma invested ₹ 18,000 and ₹ 21,600 respectively in a business and at the end of the year shared a profit of ₹ 22,000. The profit share of Ram is (in ₹)
(a) 10,000 (b) 12,000 (c) 12,500 (d) None of these

91. If $a = \frac{9b}{8}$, then $\frac{3b}{4a} =$
(a) $\frac{2}{3}$ (b) $\frac{1}{3}$
(c) $\frac{4}{3}$ (d) 2

92. If the perimeter and area of a circle are numerically equal, then radius of the circle is
(a) $\frac{1}{2}$ units (b) π units
(c) $\frac{\pi}{2}$ units (d) 2 units

93. The sum of a rational number and an irrational number is always
(a) rational (b) irrational
(c) either rational or irrational (d) none of these

94. If ABCD is a parallelogram, then $2|\underline{ABC} - |\underline{ADC}| =$

(a) 50° (b) 60° (c) 65° (d) 75°



95. Two brands of chocolates are available in pack of 24 and 15 respectively. If I need to buy equal number of chocolates of both kinds, then what is the least number of boxes of each kind I would need to buy ?

(a) 5, 6 (b) 5, 8
(c) 5, 11 (d) 12, 14

96. Ms. Keerti weighs 56.7 kg. If she reduces her weight in the ratio 7 : 6, find her new weight.

(a) 48.6 kg (b) 40.6 kg
(c) 70.6 kg (d) None of these

97. In a zoo, there are some tigers and parrots. The number of parrots is more than the number of tigers by 59. If the total number of legs is 202, what is the number of tigers in the zoo ?

(a) 18 (b) 16
(c) 14 (d) 20

98. What is the area of a parallelogram having base length of 36 cm and height 15 cm ?

(a) 510 sq. cm (b) 540 sq. cm
(c) 570 sq. cm (d) None of these

99. If the average age of 10 boys is a class is 13 yrs, the sum of their ages would be

(a) 120 (b) 130
(c) 1.3 (d) None of these

100. After revaluation a student's mark was changed from 80 to 92. The percentage increase in the marks is

(a) 15% (b) 18%
(c) 12% (d) None of these



SECTION – C
(General Knowledge)

101. Which of the following country is not a member of North Atlantic Treaty Organization (NATO) ?
(a) Albania (b) Ukraine
(c) Belgium (d) None of the above

102. International Monetary Fund (IMF) headquartered in
(a) Washington, D.C., U.S.A. (b) Rome, Italy
(c) Beijing, China (d) None of the above

103. Global Infrastructure Facility launched by
(a) World Trade Organisation (b) World Bank
(c) Federal Bank of U.S.A. (d) None of the above

104. Which of the following country is not a member of G4 nations ?
(a) Brazil (b) Pakistan (c) Germany (d) India

105. The Fundamental Duties in Indian Constitution is taken from the Constitution of
(a) Germany
(b) China
(c) Union of Soviet Socialist Republics (USSR)
(d) None of the above

106. Pulicat Lake is situated in
(a) Karnataka (b) Kerala
(c) Maharashtra (d) Andhra Pradesh

107. Cyclone Tauktae was originated over
(a) Arabian sea (b) Red sea
(c) Black sea (d) None of the above

108. Umling La Pass situated at
(a) Manipur (b) Sikkim
(c) Arunachal Pradesh (d) Ladakh







126. International Day of Forests is celebrated every year on
(a) 25th January (b) 21st April
(c) 21st March (d) None of the above

127. Which of the following articles of the Indian Constitution deals with the Financial Emergency ?
(a) Article 356 (b) Article 352
(c) Article 360 (d) None of the above

128. Radiation activity is measured in an international (SI) unit called a
(a) becquerel (Bq) (b) curie (Ci)
(c) gray (Gy) (d) none of the above

129. A children's book 'The Little Book of Joy' authored by
(a) Acharya Gyansagar and Vidya Sagar
(b) Sadhguru Jaggi Vasudev
(c) Dalai Lama and Desmond Tutu
(d) None of the above

130. BBC Indian sportswoman of the year 2021 is
(a) Shafali Verma (b) Simranjit Kaur
(c) Mirabai Chanu (d) None of the above

131. Who has won the Miss World title 2021 ?
(a) Manasa Varanasi (b) Toni-Ann Singh
(c) Karolina Bielawska (d) None of the above

132. In which State of India Hornbill Festival is celebrated ?
(a) Nagaland (b) Rajasthan
(c) Kerala (d) None of the above

133. Chauri Chaura incident was took place on
(a) 04 February 1922 (b) 14 February 1932
(c) 04 February 1920 (d) None of the above







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