

AFCAT 2 2025

AFCAT 2 2025 Memory Based Question Paper PDF (Aug 23, 2025)

1. Choose the word most opposite in meaning to OPTIONAL.
(a) Mandatory (b) Voluntary
(c) Elective (d) Free
2. A man facing East turns 135 degrees clockwise. He now faces:
(a) North-West (b) South-East
(c) South-West (d) West
3. The Chipko Movement was primarily related to:
(a) Water conservation (b) Wildlife protection
(c) Protection of forests and trees (d) Anti-mining protest
4. A car depreciates 10% per year. If its present value is Rs 2,00,000, its value after 2 years is:
(a) Rs 1,60,000 (b) Rs 1,64,000
(c) Rs 1,62,000 (d) Rs 1,58,000
5. The ratio of two numbers is 5:8 and their LCM is 120. The smaller number is:
(a) 24 (b) 15
(c) 40 (d) 30
6. 'Operation Vijay' is associated with which conflict?
(a) The 1971 War (b) The Kargil War
(c) The 1962 War (d) The Siachen conflict
7. The Tashkent Agreement (1966) was signed between India and:
(a) China (b) Pakistan
(c) Bangladesh (d) Sri Lanka
8. The HCF of two numbers is 8 and their LCM is 96. If one number is 32, the other is:
(a) 12 (b) 24
(c) 16 (d) 48
9. A boat goes 12 km downstream in 2 hours and returns in 3 hours. The speed of the boat in still water is:
(a) 5 km/h (b) 4 km/h
(c) 6 km/h (d) 4.5 km/h
10. Choose the word most similar in meaning to PROLIFIC.
(a) Barren (b) Lazy
(c) Highly productive (d) Slow

- 11.** If 2 raised to the power x equals 32, then x is:
- (a) 4 (b) 6
(c) 5 (d) 3
- 12.** Three pipes can fill a tank in 6, 8 and 12 hours respectively. If all are opened together, the tank fills in:
- (a) $2\frac{2}{3}$ hours (b) 3 hours
(c) 2 hours (d) $3\frac{1}{3}$ hours
- 13.** Find the next term: J, F, M, A, M, ?
- (a) A (b) S
(c) O (d) J
- 14.** One word substitution: a person who can use both hands equally well.
- (a) Dexterous (b) Ambidextrous
(c) Ambivalent (d) Versatile
- 15.** The Bhakra Nangal Dam is built on which river?
- (a) Beas (b) Ravi
(c) Chenab (d) Sutlej
- 16.** Book : Chapter :: Chapter : ?
- (a) Paragraph (b) Word
(c) Letter (d) Title
- 17.** The Radcliffe Line forms the boundary between India and:
- (a) China (b) Nepal
(c) Myanmar (d) Pakistan
- 18.** Sarnath is associated with which event in the life of Gautama Buddha?
- (a) His first sermon (b) His birth
(c) His enlightenment (d) His death
- 19.** Which gas contributes most to the greenhouse effect among the following?
- (a) Oxygen (b) Carbon dioxide
(c) Nitrogen (d) Hydrogen
- 20.** The day after the day before yesterday is Monday. What day is today?
- (a) Monday (b) Tuesday
(c) Wednesday (d) Sunday
- 21.** Find the next number: 1, 8, 27, 64, ?
- (a) 100 (b) 125
(c) 216 (d) 81

22. The compound interest and simple interest on a sum for 2 years at 10% differ by Rs 20. The sum is:

- (a) Rs 1,500
- (b) Rs 2,500
- (c) Rs 2,000
- (d) Rs 1,000

23. One word substitution: a period of ten years.

- (a) Century
- (b) Millennium
- (c) Score
- (d) Decade

24. The Wular Lake, one of the largest freshwater lakes in India, is located in:

- (a) Himachal Pradesh
- (b) Jammu & Kashmir
- (c) Uttarakhand
- (d) Manipur

25. Which Article of the Constitution abolishes untouchability?

- (a) Article 14
- (b) Article 15
- (c) Article 21
- (d) Article 17

26. A can do a work in 20 days and B in 30 days. They work together for 5 days, then A leaves. B finishes the remaining work in:

- (a) 15 days
- (b) 20 days
- (c) 17.5 days
- (d) 12.5 days

27. Choose the word most similar in meaning to INDIGENOUS.

- (a) Foreign
- (b) Native
- (c) Imported
- (d) Alien

28. Choose the word most similar in meaning to GREGARIOUS.

- (a) Solitary
- (b) Shy
- (c) Sociable
- (d) Rude

29. 3 : 12 :: 5 : ?

- (a) 20
- (b) 25
- (c) 35
- (d) 30

30. The probability of drawing a red card from a standard deck of 52 cards is:

- (a) $\frac{1}{2}$
- (b) $\frac{1}{4}$
- (c) $\frac{1}{13}$
- (d) $\frac{3}{4}$

31. Statements: All cats are animals. All animals are living things. Conclusion: All cats are living things. The conclusion is:

- (a) Valid
- (b) Invalid
- (c) Indeterminate
- (d) None of these

32. The Simon Commission arrived in India in the year:

- (a) 1928
- (b) 1919
- (c) 1930
- (d) 1935

33. Choose the word most opposite in meaning to BENIGN.

- | | |
|------------|---------------|
| (a) Kind | (b) Malignant |
| (c) Gentle | (d) Mild |

34. Pointing to a photo, Ram said, 'She is the daughter of my grandfather's only son.' She is Ram's:

- | | |
|------------|------------|
| (a) Sister | (b) Mother |
| (c) Aunt | (d) Cousin |

35. The National Emblem of India is adapted from the Lion Capital of Ashoka at:

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|------------|-------------|
| (a) Sanchi | (b) Ajanta |
| (c) Ellora | (d) Sarnath |

36. If the radius of a circle is doubled, its area becomes:

- | | |
|-------------|-------------|
| (a) 2 times | (b) 3 times |
| (c) 8 times | (d) 4 times |

37. Who was the founder of the Maurya Empire?

- | | |
|---------------|-------------------------|
| (a) Ashoka | (b) Chandragupta Maurya |
| (c) Bindusara | (d) Bimbisara |

38. $6 : 42 :: 9 : ?$

- | | |
|--------|--------|
| (a) 72 | (b) 81 |
| (c) 90 | (d) 99 |

39. Between 4 and 5 o'clock, the hands of a clock coincide at approximately:

- | | |
|-----------------------|----------|
| (a) 4:21 and 9/11 min | (b) 4:20 |
| (c) 4:22 | (d) 4:19 |

40. One word substitution: a person who breaks into houses to steal.

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|--------------|-------------|
| (a) Robber | (b) Pirate |
| (c) Smuggler | (d) Burglar |

41. If South is called East, East is called North and North is called West, then the sun rises in the direction called:

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|----------|-----------|
| (a) West | (b) South |
| (c) East | (d) North |

42. Fill in the blank: Scarcely had he entered _____ the bell rang.

- | | |
|----------|----------|
| (a) when | (b) than |
| (c) then | (d) that |

43. Hampi, the ruined city, was the capital of which empire?

- | | |
|-------------------------|-------------------|
| (a) Vijayanagara Empire | (b) Chola Empire |
| (c) Maratha Empire | (d) Mughal Empire |

- 44.** Choose the word most opposite in meaning to EXPLICIT.
- (a) Clear (b) Obvious
(c) Direct (d) Implicit
- 45.** Simplify: $(0.6 \times 0.6) + (0.4 \times 0.4) + (2 \times 0.6 \times 0.4)$.
- (a) 0.5 (b) 1.2
(c) 0.96 (d) 1
- 46.** Choose the word most similar in meaning to CACOPHONY.
- (a) Harmony (b) Melody
(c) Discord (d) Silence
- 47.** The Comptroller and Auditor General of India is often called the guardian of the:
- (a) Public purse (b) Constitution
(c) Judiciary (d) Parliament
- 48.** If FACE is coded as 6-1-3-5, then BEAD is coded as:
- (a) 2-4-1-5 (b) 2-5-4-1
(c) 2-5-1-4 (d) 2-1-5-4
- 49.** The square root of 1024 is:
- (a) 32 (b) 24
(c) 28 (d) 36
- 50.** The Sardar Sarovar Dam is built on which river?
- (a) Tapi (b) Mahi
(c) Narmada (d) Sabarmati
- 51.** Choose the word most opposite in meaning to FEROCIOUS.
- (a) Fierce (b) Wild
(c) Savage (d) Gentle
- 52.** One word substitution: an abnormal fear of enclosed spaces.
- (a) Acrophobia (b) Hydrophobia
(c) Agoraphobia (d) Claustrophobia
- 53.** Find the odd one out.
- (a) 121 (b) 150
(c) 144 (d) 169
- 54.** If '+' means 'x', '-' means '/', 'x' means '-' and '/' means '+', then $6 + 2 - 4 / 3 = ?$
- (a) 5 (b) 6
(c) 8 (d) 9

55. 15% of 40% of a number is 36. The number is:

- | | |
|---------|---------|
| (a) 600 | (b) 500 |
| (c) 720 | (d) 480 |

56. Choose the word most opposite in meaning to CONDEMN.

- | | |
|------------|---------------|
| (a) Blame | (b) Criticize |
| (c) Praise | (d) Scold |

57. The average of 6 numbers is 30. If the number 25 is removed, the average of the remaining 5 numbers is:

- | | |
|--------|--------|
| (a) 30 | (b) 32 |
| (c) 29 | (d) 31 |

58. If the letters of the word INDIA are reversed, it becomes:

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|-----------|-----------|
| (a) AIDIN | (b) ANIDI |
| (c) AIDNI | (d) IAIDN |

59. One word substitution: a place where dead bodies are buried.

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|---------------|---------------|
| (a) Sanctuary | (b) Monastery |
| (c) Cloister | (d) Cemetery |

60. Choose the word most similar in meaning to UBIQUITOUS.

- | | |
|------------|-----------------|
| (a) Rare | (b) Omnipresent |
| (c) Hidden | (d) Scarce |

61. The Ajanta Caves are chiefly famous for their:

- | | |
|------------------------|-----------------------|
| (a) Buddhist paintings | (b) Jain sculptures |
| (c) Hindu temples | (d) Rock inscriptions |

62. Which two words were added to the Preamble by the 42nd Amendment?

- | | |
|--------------------------|---------------------------|
| (a) Socialist, Secular | (b) Sovereign, Democratic |
| (c) Republic, Democratic | (d) Justice, Liberty |

63. A sum amounts to Rs 1,323 in 2 years at 5% compound interest. The principal is:

- | | |
|--------------|--------------|
| (a) Rs 1,250 | (b) Rs 1,150 |
| (c) Rs 1,200 | (d) Rs 1,300 |

64. If MANGO is coded as 52347 and RICE as 8961, then MICE is coded as:

- | | |
|----------|----------|
| (a) 5691 | (b) 5916 |
| (c) 5961 | (d) 5960 |

65. Find the next number: 5, 6, 9, 14, 21, ?

- | | |
|--------|--------|
| (a) 30 | (b) 28 |
| (c) 32 | (d) 29 |

66. The number of diagonals in a hexagon is:

- (a) 6
- (b) 12
- (c) 15
- (d) 9

67. Choose the word most opposite in meaning to AMATEUR.

- (a) Novice
- (b) Professional
- (c) Beginner
- (d) Learner

68. Choose the word most opposite in meaning to HUMANE.

- (a) Kind
- (b) Gentle
- (c) Cruel
- (d) Caring

69. 40 litres of a mixture has milk and water in the ratio 3:1. How much water must be added to make the ratio 3:2?

- (a) 5 litres
- (b) 15 litres
- (c) 10 litres
- (d) 8 litres

70. The value of (12 squared minus 8 squared) is:

- (a) 40
- (b) 208
- (c) 96
- (d) 80

71. Choose the word most opposite in meaning to LIBERAL.

- (a) Generous
- (b) Broad-minded
- (c) Open
- (d) Conservative

72. The Meenakshi Temple is located in which city?

- (a) Thanjavur
- (b) Madurai
- (c) Chennai
- (d) Tiruchirappalli

73. Five people sit in a row: D is left of A, A is left of B, B is left of C, C is left of E. Who sits in the middle?

- (a) A
- (b) C
- (c) B
- (d) D

74. Who wrote the ancient astronomical treatise 'Aryabhatiya'?

- (a) Bhaskara I
- (b) Varahamihira
- (c) Brahmagupta
- (d) Aryabhata

75. The Nagarhole National Park is located in which state?

- (a) Kerala
- (b) Tamil Nadu
- (c) Andhra Pradesh
- (d) Karnataka

76. A train 200 m long crosses a platform 300 m long in 25 seconds. Its speed is:

- (a) 72 km/h
- (b) 60 km/h
- (c) 80 km/h
- (d) 66 km/h

- 77.** A's mother is the sister of B's father. How is B related to A?
- (a) Brother (b) Uncle
(c) Cousin (d) Nephew
- 78.** Choose the word most similar in meaning to ZENITH.
- (a) Nadir (b) Base
(c) Bottom (d) Peak
- 79.** Choose the word most similar in meaning to PERTINENT.
- (a) Irrelevant (b) Relevant
(c) Rude (d) Vague
- 80.** A clock set right at 12 noon gains 5 minutes per hour. At the actual time of 6 PM it will show:
- (a) 6:30 PM (b) 6:25 PM
(c) 6:20 PM (d) 6:35 PM
- 81.** The compound interest on Rs 10,000 at 10% per annum for 2 years is:
- (a) Rs 2,100 (b) Rs 2,000
(c) Rs 2,200 (d) Rs 2,050
- 82.** Find the odd one out (based on physical state at room temperature).
- (a) Copper (b) Mercury
(c) Iron (d) Aluminium
- 83.** A man spends 75% of his income and saves Rs 2,000. His income is:
- (a) Rs 6,000 (b) Rs 7,500
(c) Rs 10,000 (d) Rs 8,000
- 84.** The slogan 'Do or Die' during the Quit India Movement was given by:
- (a) Mahatma Gandhi (b) Jawaharlal Nehru
(c) Subhash Chandra Bose (d) Sardar Patel
- 85.** One word substitution: a speech or piece of writing praising someone highly.
- (a) Elegy (b) Epilogue
(c) Eulogy (d) Epitaph
- 86.** The First Battle of Tarain (1191) was won by:
- (a) Muhammad Ghori (b) Mahmud Ghazni
(c) Prithviraj Chauhan (d) Qutbuddin Aibak
- 87.** Choose the word most similar in meaning to ABYSMAL.
- (a) Excellent (b) Average
(c) Extremely bad (d) Ordinary

88. Kaziranga National Park is famous for the:

- (a) Tiger
- (b) Asiatic lion
- (c) One-horned rhinoceros
- (d) Elephant

89. Find the next number: 2, 3, 5, 7, 11, 13, ?

- (a) 17
- (b) 15
- (c) 19
- (d) 14

90. The Jallianwala Bagh massacre took place in which city?

- (a) Lahore
- (b) Amritsar
- (c) Delhi
- (d) Jalandhar

91. The sum of the interior angles of a pentagon is:

- (a) 360 degrees
- (b) 720 degrees
- (c) 450 degrees
- (d) 540 degrees

92. Spot the error: 'Hardly had I slept (A)/ when the phone (B)/ rang loudly (C)/ No error (D).'

- (a) Part A
- (b) Part B
- (c) Part C
- (d) No error

93. The Battle of Haldighati (1576) was fought between Maharana Pratap and:

- (a) Akbar's forces (Man Singh)
- (b) Babur
- (c) Sher Shah Suri
- (d) Aurangzeb

94. Statements: Some pens are pencils. All pencils are erasers. Which conclusion follows? I: Some pens are erasers. II: All erasers are pencils.

- (a) Only II follows
- (b) Only I follows
- (c) Both I and II follow
- (d) Neither follows

95. If $x:y = 3:4$ and $y:z = 6:7$, then $x:y:z$ is:

- (a) 3:4:7
- (b) 9:12:14
- (c) 9:12:7
- (d) 6:8:7

96. Find the next term: AB, DE, GH, JK, ?

- (a) LM
- (b) MN
- (c) NO
- (d) KL

97. A shopkeeper marks up an article by 40% and then allows a 25% discount. His net profit percent is:

- (a) 15%
- (b) 5%
- (c) 10%
- (d) 20%

98. Dog : Kennel :: Horse : ?

- (a) Sty
- (b) Stable
- (c) Den
- (d) Nest

99. One word substitution: that which cannot be avoided.

- | | |
|----------------|----------------|
| (a) Invincible | (b) Incredible |
| (c) Inevitable | (d) Invisible |

100. A car travels 10 km North, 6 km East, 2 km South and 6 km West. Its distance from the start is:

- | | |
|----------|-----------|
| (a) 8 km | (b) 10 km |
| (c) 6 km | (d) 12 km |

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