

# AFCAT 2 2025

## AFCAT 2 2025 Memory Based Question Paper PDF (Aug 25, 2025)

1. The value of 100 squared minus 99 squared is:  
(a) 200 (b) 198  
(c) 201 (d) 199
2. One word substitution: a sound that cannot be heard.  
(a) Invisible (b) Illegible  
(c) Inaudible (d) Inedible
3. Choose the word most similar in meaning to MITIGATE.  
(a) Alleviate (b) Worsen  
(c) Aggravate (d) Intensify
4. Choose the word most similar in meaning to WEARY.  
(a) Fresh (b) Energetic  
(c) Tired (d) Active
5. Six people sit equally spaced around a circular table. The person directly opposite you is how many seats away?  
(a) 2 seats away (b) 4 seats away  
(c) 3 seats away (d) 5 seats away
6. Choose the word most similar in meaning to ABANDON.  
(a) Keep (b) Desert  
(c) Retain (d) Hold
7. Find the next number: 5, 10, 20, 40, ?  
(a) 80 (b) 60  
(c) 70 (d) 100
8. Choose the word most opposite in meaning to FRUGAL.  
(a) Thrifty (b) Economical  
(c) Extravagant (d) Saving
9. Find the next number: 4, 9, 16, 25, 36, ?  
(a) 42 (b) 45  
(c) 49 (d) 48
10. Choose the word most similar in meaning to BOLSTER.  
(a) Support (b) Weaken  
(c) Undermine (d) Destroy

- 11.** The total surface area of a cube of side 3 cm is:
- (a) 27 sq cm (b) 36 sq cm  
(c) 54 sq cm (d) 45 sq cm
- 12.** A tap fills a tank in 5 minutes; a drain empties it in 10 minutes. With both open, the tank fills in:
- (a) 10 minutes (b) 7 minutes  
(c) 15 minutes (d) 5 minutes
- 13.** A sum of money doubles itself in 10 years at simple interest. The rate of interest per annum is:
- (a) 8% (b) 10%  
(c) 12% (d) 5%
- 14.** Fill in the blank: She is superior \_\_\_\_ him in skill.
- (a) to (b) than  
(c) from (d) over
- 15.** The protest 'Simon Go Back' was directed against the:
- (a) Rowlatt Act (b) Salt Tax  
(c) Simon Commission (d) Partition of Bengal
- 16.** The number of sides in a heptagon is:
- (a) 6 (b) 7  
(c) 8 (d) 5
- 17.** Find the next letter: Z, W, T, Q, ?
- (a) N (b) M  
(c) O (d) P
- 18.** Doctor : Patient :: Lawyer : ?
- (a) Judge (b) Court  
(c) Case (d) Client
- 19.** The first Governor-General of Bengal was:
- (a) Lord Cornwallis (b) Lord Wellesley  
(c) Robert Clive (d) Warren Hastings
- 20.** 'The son of my mother's brother' is my:
- (a) Brother (b) Uncle  
(c) Cousin (d) Nephew
- 21.** The square root of 196 is:
- (a) 12 (b) 14  
(c) 16 (d) 13

22. The 'Charminar' is located in which city?

- (a) Bengaluru
- (b) Chennai
- (c) Hyderabad
- (d) Mysuru

23. If TABLE is coded by reversing its letters, it becomes:

- (a) ELABT
- (b) ELBAT
- (c) EBLAT
- (d) ELBTA

24. If  $a:b = 2:3$ ,  $b:c = 4:5$  and  $c:d = 6:7$ , then  $a:d$  is:

- (a) 2:7
- (b) 16:35
- (c) 8:35
- (d) 16:30

25. Choose the word most opposite in meaning to ELEVATE.

- (a) Raise
- (b) Lift
- (c) Lower
- (d) Boost

26. The Param Vir Chakra is India's highest:

- (a) Civilian award
- (b) Sports award
- (c) Literary award
- (d) Wartime military gallantry award

27. The compound interest on Rs 4,000 at 5% per annum for 2 years is:

- (a) Rs 400
- (b) Rs 420
- (c) Rs 410
- (d) Rs 405

28. Facing North, a person turns right, then right, then right again. He now faces:

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

29. The Ranthambore National Park is located in which state?

- (a) Madhya Pradesh
- (b) Rajasthan
- (c) Gujarat
- (d) Maharashtra

30. The Cabinet Mission came to India in the year:

- (a) 1942
- (b) 1945
- (c) 1946
- (d) 1947

31. One word substitution: the killing of one's own brother.

- (a) Fratricide
- (b) Patricide
- (c) Genocide
- (d) Homicide

32.  $8 : 27 :: 27 : ?$

- (a) 64
- (b) 125
- (c) 48
- (d) 81

**33.** Choose the word most similar in meaning to RELUCTANT.

- |               |           |
|---------------|-----------|
| (a) Unwilling | (b) Eager |
| (c) Willing   | (d) Keen  |

**34.** The HCF of 18 and 24 is:

- |        |       |
|--------|-------|
| (a) 12 | (b) 6 |
| (c) 3  | (d) 9 |

**35.** The Battle of Talikota (1565) led to the fall of which empire?

- |                         |                             |
|-------------------------|-----------------------------|
| (a) The Bahmani Kingdom | (b) The Maratha Empire      |
| (c) The Mughal Empire   | (d) The Vijayanagara Empire |

**36.** Choose the word most opposite in meaning to MAXIMUM.

- |             |             |
|-------------|-------------|
| (a) Most    | (b) Peak    |
| (c) Highest | (d) Minimum |

**37.** The measure of each interior angle of a regular pentagon is:

- |                 |                 |
|-----------------|-----------------|
| (a) 108 degrees | (b) 120 degrees |
| (c) 90 degrees  | (d) 100 degrees |

**38.** The Right to Constitutional Remedies is guaranteed under which Article?

- |                |                |
|----------------|----------------|
| (a) Article 19 | (b) Article 32 |
| (c) Article 21 | (d) Article 14 |

**39.** Find the odd one out.

- |         |        |
|---------|--------|
| (a) 100 | (b) 8  |
| (c) 27  | (d) 64 |

**40.** Choose the word most opposite in meaning to VAGUE.

- |             |             |
|-------------|-------------|
| (a) Unclear | (b) Hazy    |
| (c) Clear   | (d) Blurred |

**41.** Find the odd one out.

- |          |           |
|----------|-----------|
| (a) Rose | (b) Lotus |
| (c) Lily | (d) Mango |

**42.** 12 men complete a piece of work in 10 days. In how many days will 8 men complete the same work?

- |             |             |
|-------------|-------------|
| (a) 12 days | (b) 18 days |
| (c) 20 days | (d) 15 days |

**43.** If FISH is coded by shifting each letter one place forward, it becomes:

- |          |          |
|----------|----------|
| (a) GJUI | (b) GITI |
| (c) GJTH | (d) GJTI |

44. 20% of 25% of 400 is:

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

45. Bird : Nest :: Bee : ?

- |            |          |
|------------|----------|
| (a) Web    | (b) Hive |
| (c) Burrow | (d) Den  |

46. The Chief Election Commissioner of India is appointed by:

- |                                |                    |
|--------------------------------|--------------------|
| (a) The Chief Justice of India | (b) The Parliament |
| (c) The Prime Minister         | (d) The President  |

47. Pokhran, the site of India's nuclear tests, is in which state?

- |             |               |
|-------------|---------------|
| (a) Gujarat | (b) Punjab    |
| (c) Haryana | (d) Rajasthan |

48. Find the next number: 3, 7, 15, 31, 63, ?

- |         |         |
|---------|---------|
| (a) 95  | (b) 127 |
| (c) 100 | (d) 120 |

49. The Brihadeeswara Temple at Thanjavur was built by:

- |                     |                          |
|---------------------|--------------------------|
| (a) Krishnadevaraya | (b) Raja Raja Chola I    |
| (c) Pulakeshin II   | (d) Rajendra Chola alone |

50. One word substitution: an animal that eats both plants and flesh.

- |                 |               |
|-----------------|---------------|
| (a) Herbivore   | (b) Carnivore |
| (c) Insectivore | (d) Omnivore  |

51. Statements: All roses are red. Some red things are flowers. Conclusion: Some roses are flowers. The conclusion is:

- |             |                            |
|-------------|----------------------------|
| (a) Valid   | (b) Both valid and invalid |
| (c) Invalid | (d) Data insufficient      |

52. Choose the word most similar in meaning to LUCRATIVE.

- |                |                 |
|----------------|-----------------|
| (a) Profitable | (b) Loss-making |
| (c) Cheap      | (d) Worthless   |

53. 5 : 24 :: 7 : ?

- |        |        |
|--------|--------|
| (a) 50 | (b) 48 |
| (c) 35 | (d) 42 |

54. 90 litres of a milk-water mixture is in the ratio 5:1. How much water must be added to make it 5:2?

- |               |               |
|---------------|---------------|
| (a) 10 litres | (b) 20 litres |
| (c) 15 litres | (d) 12 litres |

55. The Dandi March (Salt Satyagraha) covered a distance of approximately:
- (a) 385 km (b) 200 km  
(c) 240 km (d) 500 km
56. When two dice are thrown, the probability that the sum is 7 is:
- (a)  $\frac{1}{12}$  (b)  $\frac{1}{9}$   
(c)  $\frac{5}{36}$  (d)  $\frac{1}{6}$
57. In the early morning, a man's shadow is cast towards the:
- (a) East (b) North  
(c) West (d) South
58. A boat's speed in still water is 10 km/h and the stream is 2 km/h. The time to travel 24 km downstream is:
- (a) 3 hours (b) 4 hours  
(c) 2 hours (d) 2.5 hours
59. Spot the error: 'The quality of the mangoes (A)/ were not good (B)/ this season (C)/ No error (D).'
- (a) Part A (b) Part C  
(c) No error (d) Part B
60. What principal will yield Rs 600 as simple interest in 3 years at 5% per annum?
- (a) Rs 3,500 (b) Rs 4,000  
(c) Rs 4,500 (d) Rs 5,000
61. Choose the word most opposite in meaning to INNOCENT.
- (a) Pure (b) Blameless  
(c) Naive (d) Guilty
62. Rs 800 amounts to Rs 920 in 3 years at simple interest. The rate of interest per annum is:
- (a) 4% (b) 5%  
(c) 6% (d) 5.5%
63. Find the next number: 2, 4, 8, 16, 32, ?
- (a) 48 (b) 56  
(c) 64 (d) 60
64. The Gupta Age is often described as the:
- (a) Golden Age of India (b) Dark Age of India  
(c) Iron Age of India (d) Medieval Age of India
65. One word substitution: to formally give up a throne.
- (a) Abolish (b) Abdicate  
(c) Absolve (d) Abscond

- 66.** A shopkeeper sells an article for Rs 660 gaining 10%. Its cost price was:
- (a) Rs 620 (b) Rs 640  
(c) Rs 600 (d) Rs 580
- 67.** Pointing to a lady, a man said, 'She is the wife of the grandson of my mother.' The lady is the man's:
- (a) Wife (b) Granddaughter  
(c) Daughter-in-law (d) Sister-in-law
- 68.** At 3 o'clock, the reflex angle between the hour and minute hands is:
- (a) 90 degrees (b) 180 degrees  
(c) 240 degrees (d) 270 degrees
- 69.** Which metal is in liquid state at ordinary room temperature?
- (a) Mercury (b) Iron  
(c) Sodium (d) Zinc
- 70.** The 'Hawa Mahal' is located in which city?
- (a) Udaipur (b) Jodhpur  
(c) Jaipur (d) Jaisalmer
- 71.** The Bandipur National Park is located in which state?
- (a) Kerala (b) Tamil Nadu  
(c) Telangana (d) Karnataka
- 72.** An item sold for Rs 900 yields a 25% profit. Its cost price was:
- (a) Rs 675 (b) Rs 750  
(c) Rs 700 (d) Rs 720
- 73.** The circumference of a circle of radius 7 cm (using  $\pi = \frac{22}{7}$ ) is:
- (a) 22 cm (b) 44 cm  
(c) 88 cm (d) 66 cm
- 74.** The Kargil War took place in the year:
- (a) 1998 (b) 2000  
(c) 1999 (d) 1997
- 75.** One word substitution: a building where soldiers are housed.
- (a) Garrison (b) Barracks  
(c) Fort (d) Bunker
- 76.** The value of 15 squared is:
- (a) 225 (b) 215  
(c) 235 (d) 205

**77.** Choose the word most similar in meaning to COURAGEOUS.

- |              |             |
|--------------|-------------|
| (a) Timid    | (b) Brave   |
| (c) Cowardly | (d) Fearful |

**78.** Find the next number: 26, 24, 20, 18, 14, ?

- |        |        |
|--------|--------|
| (a) 10 | (b) 12 |
| (c) 13 | (d) 11 |

**79.** A watch gains 2 minutes per hour. If set right at 8 AM, at the actual time of 2 PM it shows:

- |             |             |
|-------------|-------------|
| (a) 2:12 PM | (b) 2:10 PM |
| (c) 2:15 PM | (d) 1:48 PM |

**80.** The average of 2, 4, 6, 8, 10 and 12 is:

- |         |       |
|---------|-------|
| (a) 6   | (b) 8 |
| (c) 6.5 | (d) 7 |

**81.** 4 raised to the power 3 equals:

- |        |        |
|--------|--------|
| (a) 64 | (b) 12 |
| (c) 16 | (d) 81 |

**82.** Who chaired the Drafting Committee of the Indian Constitution?

- |                         |                        |
|-------------------------|------------------------|
| (a) Dr. B.R. Ambedkar   | (b) Jawaharlal Nehru   |
| (c) Dr. Rajendra Prasad | (d) C. Rajagopalachari |

**83.** The Dal Lake is located in which city?

- |              |              |
|--------------|--------------|
| (a) Srinagar | (b) Nainital |
| (c) Shimla   | (d) Manali   |

**84.** A train 150 m long moving at 72 km/h crosses a 350 m long bridge in:

- |                |                |
|----------------|----------------|
| (a) 20 seconds | (b) 25 seconds |
| (c) 30 seconds | (d) 22 seconds |

**85.** Choose the word most opposite in meaning to HUMBLE.

- |            |              |
|------------|--------------|
| (a) Modest | (b) Arrogant |
| (c) Meek   | (d) Simple   |

**86.** Choose the word most opposite in meaning to ARRIVE.

- |           |            |
|-----------|------------|
| (a) Reach | (b) Depart |
| (c) Come  | (d) Land   |

**87.** One word substitution: a list of dishes available in a restaurant.

- |               |            |
|---------------|------------|
| (a) Menu      | (b) Agenda |
| (c) Catalogue | (d) Index  |



**88.** If yesterday was Sunday, what day will it be three days from today?

- (a) Wednesday
- (b) Friday
- (c) Tuesday
- (d) Thursday

**89.** The Wagah Border lies between India and:

- (a) Pakistan
- (b) China
- (c) Bangladesh
- (d) Nepal

**90.** If P denotes '/', Q denotes 'x', R denotes '+' and S denotes '-', then  $18 P 6 Q 4 R 5 S 3 = ?$

- (a) 12
- (b) 16
- (c) 14
- (d) 10

**91.** If LEMON is coded as MFNPO, then APPLE is coded as:

- (a) BQQMF
- (b) BQPMF
- (c) BQQNF
- (d) BQQME

**92.** After a 15% discount, an item costs Rs 850. Its marked price was:

- (a) Rs 950
- (b) Rs 900
- (c) Rs 1,050
- (d) Rs 1,000

**93.** Choose the word most similar in meaning to ADVERSITY.

- (a) Hardship
- (b) Prosperity
- (c) Fortune
- (d) Luck

**94.** The minimum age required to become a member of the Lok Sabha is:

- (a) 30 years
- (b) 21 years
- (c) 35 years
- (d) 25 years

**95.** The Battle of Chausa (1539) was fought between Humayun and:

- (a) Babur
- (b) Akbar
- (c) Rana Sanga
- (d) Sher Shah Suri

**96.** The Tehri Dam is built on which river?

- (a) Ganga
- (b) Yamuna
- (c) Alaknanda
- (d) Bhagirathi

**97.** One word substitution: the scientific study of insects.

- (a) Ornithology
- (b) Etymology
- (c) Entomology
- (d) Ecology

**98.** The Third Battle of Panipat (1761) was fought between the Marathas and:

- (a) Ahmad Shah Abdali
- (b) The Mughals
- (c) The British
- (d) Nadir Shah

**99.** Choose the word most opposite in meaning to HOSTILE.

- |                |                  |
|----------------|------------------|
| (a) Aggressive | (b) Friendly     |
| (c) Unfriendly | (d) Antagonistic |

**100.** The Sanchi Stupa is located in which state?

- |            |                    |
|------------|--------------------|
| (a) Bihar  | (b) Uttar Pradesh  |
| (c) Odisha | (d) Madhya Pradesh |

