

# AFCAT 2 2024

## AFCAT 2 2024 Memory Based Question Paper PDF (Aug 9, 2024)

1. Choose the word most similar in meaning to 'METICULOUS'.  
(a) Careless (b) Thorough  
(c) Hasty (d) Vague
2. Choose the word most opposite in meaning to 'GENUINE'.  
(a) Authentic (b) Sincere  
(c) Counterfeit (d) Real
3. Fill in the blank: He is indifferent \_\_\_\_ criticism.  
(a) of (b) to  
(c) for (d) with
4. Identify the part with the error: 'One of the boys (A)/ have lost (B)/ his bag (C)/ in the field (D).'
5. Choose the meaning of the idiom 'to hit the nail on the head'.  
(a) To act violently (b) To do carpentry  
(c) To describe exactly the cause of a situation (d) To make a serious mistake
6. Select the correctly spelt word.  
(a) Acheivment (b) Achievement  
(c) Achievment (d) Acheivement
7. One word substitution: 'A speech in praise of a person.'  
(a) Eulogy (b) Epilogue  
(c) Epitaph (d) Elegy
8. Fill in the blank: I prefer coffee \_\_\_\_ tea.  
(a) over (b) from  
(c) to (d) than
9. Choose the synonym of 'ABANDON'.  
(a) Keep (b) Forsake  
(c) Hold (d) Retain
10. Choose the antonym of 'LETHARGIC'.  
(a) Energetic (b) Dull  
(c) Sluggish (d) Weary

- 11.** Fill in the blank: Not until he apologised \_\_\_\_ she forgive him.
- (a) do (b) does  
(c) did (d) had
- 12.** Choose the meaning of 'to spill the beans'.
- (a) To waste food (b) To reveal a secret  
(c) To cook (d) To make a mess
- 13.** One word substitution: 'A place where weapons are stored.'
- (a) Archive (b) Arsenal  
(c) Aquarium (d) Asylum
- 14.** Identify the grammatically correct sentence.
- (a) He don't know the answer. (b) He doesn't know the answer.  
(c) He not know the answer. (d) He doesn't knows the answer.
- 15.** Choose the synonym of 'VIVID'.
- (a) Pale (b) Dull  
(c) Faint (d) Bright
- 16.** Fill in the blank: She excels \_\_\_\_ mathematics.
- (a) on (b) with  
(c) for (d) in
- 17.** Choose the antonym of 'ARTIFICIAL'.
- (a) Natural (b) Imitated  
(c) Fake (d) Synthetic
- 18.** One word substitution: 'A remedy for all diseases.'
- (a) Antidote (b) Placebo  
(c) Vaccine (d) Panacea
- 19.** Choose the correctly spelt word.
- (a) Seperate (b) Separate  
(c) Seperete (d) Saperate
- 20.** Fill in the blank: He is angry \_\_\_\_ his brother.
- (a) on (b) for  
(c) at (d) with
- 21.** Choose the meaning of 'to beat around the bush'.
- (a) To avoid the main point (b) To garden  
(c) To speak directly (d) To fight

- 22.** Choose the synonym of 'INTREPID'.
- (a) Cautious (b) Fearless  
(c) Timid (d) Fearful
- 23.** Identify the correct question tag: 'You are coming, \_\_\_\_?'
- (a) isn't it (b) don't you  
(c) aren't you (d) are you
- 24.** One word substitution: 'The study of the origin of words.'
- (a) Ecology (b) Ethnology  
(c) Etymology (d) Entomology
- 25.** Choose the antonym of 'CONDEMN'.
- (a) Blame (b) Criticise  
(c) Praise (d) Rebuke
- 26.** Fill in the blank: The results depend \_\_\_\_ your performance.
- (a) in (b) on  
(c) at (d) for
- 27.** Choose the correctly spelt word.
- (a) Guarantee (b) Garantee  
(c) Guaranty (d) Guarantee
- 28.** Choose the synonym of 'PLACID'.
- (a) Angry (b) Calm  
(c) Restless (d) Agitated
- 29.** One word substitution: 'A person who travels to a sacred place.'
- (a) Nomad (b) Vagrant  
(c) Tourist (d) Pilgrim
- 30.** Fill in the blank: The teacher distributed sweets \_\_\_\_ the children.
- (a) between (b) among  
(c) in (d) with
- 31.** The 'Battle of Buxar' was fought in the year:
- (a) 1761 (b) 1764  
(c) 1770 (d) 1757
- 32.** Which Article deals with the appointment of the Prime Minister?
- (a) Article 74 (b) Article 75  
(c) Article 78 (d) Article 76

- 33.** The 'Palk Strait' separates India from which country?
- (a) Myanmar (b) Bangladesh  
(c) Sri Lanka (d) Maldives
- 34.** Who established the 'Ramakrishna Mission'?
- (a) Ramakrishna Paramhansa (b) Swami Vivekananda  
(c) Raja Ram Mohan Roy (d) Dayanand Saraswati
- 35.** The headquarters of the International Monetary Fund (IMF) is in:
- (a) Washington DC (b) Paris  
(c) New York (d) Geneva
- 36.** Which gas is used in electric bulbs?
- (a) Carbon dioxide (b) Hydrogen  
(c) Oxygen (d) Nitrogen
- 37.** The 'Revolt of 1857' began from which place?
- (a) Meerut (b) Kanpur  
(c) Lucknow (d) Delhi
- 38.** 'India Wins Freedom' was written by:
- (a) Mahatma Gandhi (b) Maulana Abul Kalam Azad  
(c) Sarojini Naidu (d) Jawaharlal Nehru
- 39.** The 'Sena Medal' is awarded for:
- (a) Distinguished service or gallantry (Army) (b) Wartime gallantry  
(c) Bravery of civilians (d) Sports
- 40.** The quorum for a sitting of the Lok Sabha is:
- (a) One-fourth of total members (b) One-third of total members  
(c) One-tenth of total members (d) One-half of total members
- 41.** Deficiency of vitamin B1 causes:
- (a) Beriberi (b) Night blindness  
(c) Scurvy (d) Rickets
- 42.** The 'Swadeshi Movement' was started in response to the:
- (a) Rowlatt Act (b) Jallianwala Bagh  
(c) Partition of Bengal (d) Simon Commission
- 43.** Which planet is known for its prominent ring system?
- (a) Uranus (b) Jupiter  
(c) Neptune (d) Saturn

- 44.** 'TRAI' is the regulatory body for which sector?
- (a) Telecom (b) Banking  
(c) Insurance (d) Securities
- 45.** The 'Chauri Chaura incident' led to the suspension of which movement?
- (a) Quit India (b) Civil Disobedience  
(c) Khilafat (d) Non-Cooperation
- 46.** Which is the largest freshwater lake in India?
- (a) Dal (b) Wular  
(c) Chilika (d) Loktak
- 47.** The SI unit of electric current is:
- (a) Watt (b) Ohm  
(c) Volt (d) Ampere
- 48.** ISRO was founded in which year?
- (a) 1969 (b) 1972  
(c) 1975 (d) 1962
- 49.** Who built the city of Fatehpur Sikri?
- (a) Humayun (b) Akbar  
(c) Jahangir (d) Shah Jahan
- 50.** The 'Rafale' aircraft inducted into the IAF is manufactured by which country's company?
- (a) UK (b) USA  
(c) France (d) Russia
- 51.** Which gas is known as 'laughing gas'?
- (a) Sulphur dioxide (b) Nitrous oxide  
(c) Methane (d) Carbon monoxide
- 52.** The 'Seventh Schedule' of the Constitution deals with:
- (a) Tribal areas (b) Division of powers  
(c) Languages (d) Anti-defection
- 53.** The IAF was officially established in which year?
- (a) 1950 (b) 1947  
(c) 1935 (d) 1932
- 54.** Which state is the largest producer of sugarcane in India?
- (a) Uttar Pradesh (b) Karnataka  
(c) Bihar (d) Maharashtra

**55.** The Paris 2024 Olympics saw India win a silver medal in which individual track and field event via Neeraj Chopra?

- (a) Discus throw
- (b) Shot put
- (c) Long jump
- (d) Javelin throw

**56.** A sum of Rs. 4000 amounts to Rs. 4840 in 2 years at compound interest. The rate is:

- (a) 9%
- (b) 10%
- (c) 11%
- (d) 8%

**57.** If 60% of a number is 240, then 85% of the number is:

- (a) 340
- (b) 360
- (c) 320
- (d) 300

**58.** The average age of 30 students is 12 years. With the teacher, the average becomes 13. The teacher's age is:

- (a) 40
- (b) 45
- (c) 43
- (d) 42

**59.** A train running at 90 km/h crosses a pole in 8 seconds. Its length is:

- (a) 180 m
- (b) 220 m
- (c) 200 m
- (d) 160 m

**60.** A shopkeeper gains 25% after allowing a discount of 20% on the marked price. The ratio of cost price to marked price is:

- (a) 5:4
- (b) 25:16
- (c) 16:25
- (d) 4:5

**61.** If  $a:b = 7:9$  and  $b:c = 3:5$ , then  $a:c$  is:

- (a) 21:45
- (b) 7:5
- (c) 9:5
- (d) 7:15

**62.** A completes a work in 15 days and B in 10 days. In how many days will they finish it together?

- (a) 5 days
- (b) 6 days
- (c) 7 days
- (d) 8 days

**63.** The simple interest on Rs. 9000 at 8% for 2.5 years is:

- (a) Rs. 1800
- (b) Rs. 1700
- (c) Rs. 1900
- (d) Rs. 1600

**64.** The total surface area of a cube of side 5 cm is:

- (a) 175 sq cm
- (b) 125 sq cm
- (c) 100 sq cm
- (d) 150 sq cm

**65.** A man sells two articles at Rs. 600 each, one at 20% profit and the other at 20% loss. His net result is:

- (a) 4% loss
- (b) 2% loss
- (c) 4% gain
- (d) No loss no gain

**66.** A boat travels 40 km downstream in 4 hours and returns in 5 hours. The speed of the stream is:

- (a) 2.5 km/h
- (b) 2 km/h
- (c) 1 km/h
- (d) 1.5 km/h

**67.** The greatest number that divides 60, 90 and 120 exactly is:

- (a) 20
- (b) 10
- (c) 15
- (d) 30

**68.** If  $x + y = 10$  and  $xy = 21$ , then  $x^2 + y^2$  equals:

- (a) 58
- (b) 56
- (c) 60
- (d) 62

**69.** A sum of money at 10% simple interest becomes Rs. 3600 in 2 years. The principal is:

- (a) Rs. 2800
- (b) Rs. 2900
- (c) Rs. 3200
- (d) Rs. 3000

**70.** In a class, 60% are boys. If there are 18 girls, the total number of students is:

- (a) 40
- (b) 50
- (c) 45
- (d) 48

**71.** The perimeter of a rectangle is 40 cm and its length is 12 cm. Its area is:

- (a) 96 sq cm
- (b) 72 sq cm
- (c) 84 sq cm
- (d) 108 sq cm

**72.** If 6 pumps fill a tank in 20 hours, how many hours will 8 pumps take?

- (a) 16
- (b) 14
- (c) 15
- (d) 12

**73.** A sum triples in 20 years at simple interest. The rate percent is:

- (a) 10%
- (b) 15%
- (c) 8%
- (d) 12%

**74.** The value of  $(125)^{(2/3)}$  is:

- (a) 25
- (b) 10
- (c) 5
- (d) 15

**75.** Two trains 100 m and 140 m long run in the same direction at 40 km/h and 22 km/h. Time for the faster to pass the slower is:

- (a) 48 s
- (b) 36 s
- (c) 40 s
- (d) 44 s

**76.** Find the next term: 6, 13, 27, 55, ?

- (a) 112
- (b) 110
- (c) 111
- (d) 109

**77.** If 'SUN' is coded as 'RTM', how is 'MOON' coded?

- (a) LNNM
- (b) LNMN
- (c) LMNM
- (d) LNNN

**78.** Pointing to a lady, a man said, 'Her father is the only son of my father.' How is the lady related to the man?

- (a) Wife
- (b) Niece
- (c) Daughter
- (d) Sister

**79.** Choose the odd one out.

- (a) Banana
- (b) Mango
- (c) Carrot
- (d) Apple

**80.** A man walks 8 km towards the west, turns left and walks 6 km. How far is he from the start?

- (a) 14 km
- (b) 12 km
- (c) 10 km
- (d) 8 km

**81.** Complete the analogy: Pen : Write :: Knife : ?

- (a) Sharp
- (b) Metal
- (c) Kitchen
- (d) Cut

**82.** Statements: All squares are rectangles. All rectangles are polygons. Conclusion: All squares are polygons. This is:

- (a) Uncertain
- (b) None
- (c) False
- (d) True

**83.** Find the missing number: 3, 8, 15, 24, 35, ?

- (a) 46
- (b) 48
- (c) 44
- (d) 50

**84.** If 'MANGO' is coded as 'NBOHP', how is 'APPLE' coded?

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

**85.** Choose the odd one out.

- (a) 9
- (b) 16
- (c) 30
- (d) 25

**86.** Starting from a point, a person walks 5 km north, then 12 km east. The shortest distance back is:

- (a) 15 km
- (b) 17 km
- (c) 11 km
- (d) 13 km



**87.** Complete the series: D, F, I, M, ?

- (a) Q
- (b) S
- (c) P
- (d) R

**88.** In a row of 25 people, if A is 8th from the left, his position from the right is:

- (a) 18th
- (b) 19th
- (c) 17th
- (d) 16th

**89.** Choose the pair analogous to 'Teacher : Student'.

- (a) Author : Book
- (b) Doctor : Patient
- (c) Singer : Song
- (d) Driver : Car

**90.** If '+' means 'x', 'x' means '-', '-' means '+', find:  $8 + 4 \times 6 - 3$ .

- (a) 27
- (b) 29
- (c) 31
- (d) 33

**91.** Find the odd one: 2, 3, 5, 7, 9, 11.

- (a) 3
- (b) 5
- (c) 9
- (d) 7

**92.** The angle between the hands of a clock at 9:30 is:

- (a) 90 degrees
- (b) 120 degrees
- (c) 105 degrees
- (d) 95 degrees

**93.** If East is called North, North is called West, then in which direction does the sun set?

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

**94.** Complete the series: 4, 9, 16, 25, 36, ?

- (a) 48
- (b) 45
- (c) 49
- (d) 42

**95.** Six boxes are stacked. A is above B, C is below B, D is at the top, E is below C, F at the bottom. Which box is exactly in the middle?

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

**96.** A cube is painted and cut into 27 equal cubes. How many have exactly three faces painted?

- (a) 12
- (b) 6
- (c) 8
- (d) 4

**97.** How many rectangles (including squares) are in a 2x2 grid of unit squares?

- (a) 4
- (b) 9
- (c) 8
- (d) 6

**98.** Find the next term: Z1, Y2, X4, W8, ?

- |         |         |
|---------|---------|
| (a) U16 | (b) V8  |
| (c) V16 | (d) V15 |

**99.** Which letter has both horizontal and vertical lines of symmetry?

- |       |       |
|-------|-------|
| (a) E | (b) B |
| (c) A | (d) H |

**100.** In a code, 'red pen ink' is 'na la ta' and 'blue ink' is 'ta ma'. What is the code for 'ink'?

- |        |        |
|--------|--------|
| (a) ma | (b) ta |
| (c) na | (d) la |

