

# AFCAT 2 2023

## AFCAT 2 2023 Practice Paper 03

1. Choose the word most similar in meaning to 'VIVID'.

- |           |                      |
|-----------|----------------------|
| (a) Dull  | (b) Faint            |
| (c) Vague | (d) Bright and clear |

2. Choose the word most opposite in meaning to 'HUMBLE'.

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

3. Fill in the blank: He was engrossed \_\_\_\_\_ reading a novel.

- |        |          |
|--------|----------|
| (a) on | (b) in   |
| (c) at | (d) with |

4. The idiom 'to beat about the bush' means:

- |                   |                             |
|-------------------|-----------------------------|
| (a) To argue      | (b) To avoid the main point |
| (c) To go hunting | (d) To clean the garden     |

5. One word substitution: the study of the weather.

- |                 |             |
|-----------------|-------------|
| (a) Meteorology | (b) Geology |
| (c) Astronomy   | (d) Ecology |

6. Choose the correctly spelt word.

- |             |             |
|-------------|-------------|
| (a) Grammar | (b) Gramar  |
| (c) Grammer | (d) Grammur |

7. Spot the error: 'The number of accidents (A)/ have increased (B)/ this year (C)/ No error (D).'

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

8. Choose the word most similar in meaning to 'COURTEOUS'.

- |              |            |
|--------------|------------|
| (a) Rude     | (b) Harsh  |
| (c) Impolite | (d) Polite |

9. Choose the word most opposite in meaning to 'VICTORY'.

- |              |             |
|--------------|-------------|
| (a) Success  | (b) Triumph |
| (c) Conquest | (d) Defeat  |

10. Fill in the blank: The child is afraid \_\_\_\_\_ the dark.

- |          |          |
|----------|----------|
| (a) of   | (b) for  |
| (c) with | (d) from |

- 11.** One word substitution: a place where soldiers live.
- (a) Garage (b) Hostel  
(c) Dormitory (d) Barracks
- 12.** The idiom 'to pull one's leg' means:
- (a) To tease or joke with someone (b) To hurt someone  
(c) To help someone walk (d) To trip someone
- 13.** Improve the underlined part: 'He is more taller than his brother.'
- (a) more taller (b) much taller than  
(c) most taller (d) taller
- 14.** Choose the word most opposite in meaning to 'EXPENSIVE'.
- (a) Cheap (b) Precious  
(c) Costly (d) Dear
- 15.** Choose the word most similar in meaning to 'BRAVE'.
- (a) Courageous (b) Cowardly  
(c) Timid (d) Fearful
- 16.** Fill in the blank: He is fond \_\_\_\_ playing chess.
- (a) with (b) for  
(c) of (d) in
- 17.** One word substitution: one who eats human flesh.
- (a) Carnivore (b) Omnivore  
(c) Cannibal (d) Herbivore
- 18.** The idiom 'to see eye to eye' means:
- (a) To look carefully (b) To stare at someone  
(c) To meet in person (d) To agree with someone
- 19.** Choose the correctly spelt word.
- (a) Committment (b) Commitment  
(c) Comitment (d) Comittment
- 20.** Choose the word most opposite in meaning to 'WISE'.
- (a) Clever (b) Intelligent  
(c) Foolish (d) Smart
- 21.** Choose the word most similar in meaning to 'GRIEF'.
- (a) Delight (b) Joy  
(c) Happiness (d) Sorrow

- 22.** Fill in the blank: She was confident \_\_\_\_ her success.  
(a) with (b) of  
(c) for (d) on
- 23.** One word substitution: a word opposite in meaning to another.  
(a) Acronym (b) Homonym  
(c) Synonym (d) Antonym
- 24.** Spot the error: 'He along with his friends (A)/ are going (B)/ to the market (C)/ No error (D).'
- (a) C (b) D  
(c) B (d) A
- 25.** Choose the word most similar in meaning to 'CONCEAL'.  
(a) Expose (b) Hide  
(c) Show (d) Reveal
- 26.** Choose the word most opposite in meaning to 'ENTRANCE'.  
(a) Opening (b) Doorway  
(c) Gate (d) Exit
- 27.** The idiom 'to face the music' means:  
(a) To listen to a concert (b) To sing  
(c) To dance (d) To accept the consequences
- 28.** Fill in the blank: He is addicted \_\_\_\_ smoking.  
(a) with (b) of  
(c) to (d) for
- 29.** One word substitution: a person who fixes and repairs machines.  
(a) Engineer (b) Technician  
(c) Operator (d) Mechanic
- 30.** Choose the word most similar in meaning to 'ANCIENT'.  
(a) Modern (b) Recent  
(c) New (d) Old
- 31.** The 'Make in India' initiative was launched in which year?  
(a) 2014 (b) 2016  
(c) 2015 (d) 2013
- 32.** Which is the highest mountain peak in India?  
(a) Kanchenjunga (b) Nanda Devi  
(c) K2 (d) Mount Everest

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

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

**34.** Which planet is closest to the Sun?

- (a) Earth
- (b) Mercury
- (c) Venus
- (d) Mars

**35.** The 'Rowlatt Act' was passed in the year:

- (a) 1909
- (b) 1920
- (c) 1935
- (d) 1919

**36.** The SI unit of power is the:

- (a) Joule
- (b) Watt
- (c) Newton
- (d) Pascal

**37.** The Vice-President of India is the ex-officio Chairman of the:

- (a) Planning Commission
- (b) Rajya Sabha
- (c) Lok Sabha
- (d) Finance Commission

**38.** Deficiency of iodine in humans causes:

- (a) Rickets
- (b) Anaemia
- (c) Goitre
- (d) Beriberi

**39.** The 'Line of Actual Control' (LAC) separates India from:

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

**40.** The Ashoka Chakra is India's highest:

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

**41.** The powerhouse of the cell is the:

- (a) Nucleus
- (b) Mitochondria
- (c) Ribosome
- (d) Golgi body

**42.** The 'Civil Disobedience Movement' began with the:

- (a) Dandi March
- (b) Quit India Movement
- (c) Chauri Chaura incident
- (d) Khilafat Movement

**43.** The largest ocean in the world is the:

- (a) Indian Ocean
- (b) Atlantic Ocean
- (c) Arctic Ocean
- (d) Pacific Ocean

44. 'Operation Meghdoot' (1984) was related to:
- (a) Sir Creek
  - (b) The Siachen Glacier
  - (c) Kargil
  - (d) The Kashmir Valley
45. Which is the most abundant gas in the Earth's atmosphere?
- (a) Argon
  - (b) Nitrogen
  - (c) Carbon dioxide
  - (d) Oxygen
46. The Constitution of India came into force on:
- (a) 15 August 1947
  - (b) 26 November 1949
  - (c) 2 October 1950
  - (d) 26 January 1950
47. The 'Sardar Sarovar Dam' is built on which river?
- (a) Mahi
  - (b) Narmada
  - (c) Tapi
  - (d) Sabarmati
48. Who was the last Governor-General of India?
- (a) Warren Hastings
  - (b) C. Rajagopalachari
  - (c) Lord Mountbatten
  - (d) Lord Canning
49. The 'INS Kalvari' is a:
- (a) Destroyer
  - (b) Frigate
  - (c) Aircraft carrier
  - (d) Submarine
50. The chemical name of common baking soda is:
- (a) Sodium bicarbonate
  - (b) Calcium carbonate
  - (c) Sodium chloride
  - (d) Sodium carbonate
51. The Battle of Plassey (1757) was won by the British under:
- (a) Robert Clive
  - (b) Lord Wellesley
  - (c) Lord Cornwallis
  - (d) Warren Hastings
52. The headquarters of the United Nations (UN) is in:
- (a) Vienna
  - (b) New York
  - (c) Paris
  - (d) Geneva
53. The 'Meenakshi Temple' is located in which city?
- (a) Madurai
  - (b) Chennai
  - (c) Thanjavur
  - (d) Tiruchirappalli
54. The largest desert in the world is the:
- (a) Kalahari Desert
  - (b) Thar Desert
  - (c) Gobi Desert
  - (d) Sahara Desert

- 55.** The 'Rafale' fighter jets were procured by India from:
- (a) Russia (b) USA  
(c) Israel (d) France
- 56.** The average of six numbers is 40. If one number 30 is removed, the average of the rest is:
- (a) 40 (b) 38  
(c) 44 (d) 42
- 57.** A shopkeeper sells an article at 25% profit for Rs 500. Its cost price is:
- (a) Rs 375 (b) Rs 400  
(c) Rs 425 (d) Rs 450
- 58.** The value of 12.5% of 320 is:
- (a) 44 (b) 40  
(c) 36 (d) 48
- 59.** A train 240 m long crosses a platform 160 m long in 16 seconds. Its speed is:
- (a) 72 km/h (b) 100 km/h  
(c) 80 km/h (d) 90 km/h
- 60.** The HCF of 48 and 72 is:
- (a) 36 (b) 16  
(c) 24 (d) 12
- 61.** A shopkeeper marks goods 30% above cost and gives a 10% discount. His profit percent is:
- (a) 18% (b) 17%  
(c) 15% (d) 20%
- 62.** The simple interest on Rs 6,000 at 10% per annum for 3 years is:
- (a) Rs 1,600 (b) Rs 2,000  
(c) Rs 1,800 (d) Rs 1,500
- 63.** A can complete a work in 8 days and B in 24 days. Together they finish it in:
- (a) 5 days (b) 6 days  
(c) 7 days (d) 4 days
- 64.** The square root of 1764 is:
- (a) 44 (b) 46  
(c) 42 (d) 40
- 65.** The interior angle of a regular hexagon is:
- (a) 108 degrees (b) 120 degrees  
(c) 135 degrees (d) 144 degrees

**66.** A boat goes 24 km downstream in 3 hours; the stream flows at 2 km/h. The speed of the boat in still water is:

- |            |            |
|------------|------------|
| (a) 7 km/h | (b) 8 km/h |
| (c) 5 km/h | (d) 6 km/h |

**67.** The compound interest on Rs 8,000 at 5% per annum for 2 years is:

- |            |            |
|------------|------------|
| (a) Rs 820 | (b) Rs 800 |
| (c) Rs 810 | (d) Rs 840 |

**68.** If  $5x + 3 = 2x + 18$ , then  $x$  is:

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

**69.** The number 7920 is divisible by:

- |        |        |
|--------|--------|
| (a) 7  | (b) 17 |
| (c) 11 | (d) 13 |

**70.** 60% of a number is 240. The number is:

- |         |         |
|---------|---------|
| (a) 400 | (b) 480 |
| (c) 360 | (d) 420 |

**71.** The area of a triangle with base 12 cm and height 8 cm is:

- |              |              |
|--------------|--------------|
| (a) 96 sq cm | (b) 48 sq cm |
| (c) 56 sq cm | (d) 40 sq cm |

**72.** Two numbers are in the ratio 5:9 and their difference is 24. The smaller number is:

- |        |        |
|--------|--------|
| (a) 30 | (b) 36 |
| (c) 40 | (d) 24 |

**73.** A car travels 180 km in 3 hours. Its speed in m/s is:

- |               |            |
|---------------|------------|
| (a) 18 m/s    | (b) 20 m/s |
| (c) 16.67 m/s | (d) 15 m/s |

**74.** Find the next term: 6, 12, 24, 48, ?

- |        |         |
|--------|---------|
| (a) 84 | (b) 108 |
| (c) 72 | (d) 96  |

**75.** If 'PLANT' is coded as 'QMBOU' (each letter +1), then 'GREEN' is coded as:

- |           |           |
|-----------|-----------|
| (a) HSFFO | (b) HSFEO |
| (c) HSEFO | (d) HSFFP |

**76.** Pointing to a boy, Reena said, 'He is the son of my grandfather's only child.' How is the boy related to Reena?

- |             |            |
|-------------|------------|
| (a) Brother | (b) Nephew |
| (c) Cousin  | (d) Uncle  |

77. Choose the odd one out.

- |           |             |
|-----------|-------------|
| (a) Horse | (b) Tiger   |
| (c) Lion  | (d) Leopard |

78. A man walks 9 km East, turns North and walks 12 km. His shortest distance from the start is:

- |           |           |
|-----------|-----------|
| (a) 15 km | (b) 3 km  |
| (c) 18 km | (d) 21 km |

79. Complete the analogy: Teacher : Student :: Doctor : ?

- |              |             |
|--------------|-------------|
| (a) Medicine | (b) Patient |
| (c) Hospital | (d) Nurse   |

80. Statements: All squares are rectangles. All rectangles are quadrilaterals. Conclusion: All squares are quadrilaterals. This conclusion is:

- |                 |           |
|-----------------|-----------|
| (a) Uncertain   | (b) False |
| (c) Partly true | (d) True  |

81. Find the missing number: 4, 9, 16, 25, 36, ?

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

82. If 'CLOUD' is written as 'DMPVE' (each +1), how is 'RAIN' written?

- |          |          |
|----------|----------|
| (a) SBJP | (b) TBJO |
| (c) SBIO | (d) SBJO |

83. Choose the odd one out.

- |           |            |
|-----------|------------|
| (a) Steel | (b) Bronze |
| (c) Brass | (d) Copper |

84. A man walks 7 km South, turns left and walks 24 km. His shortest distance from the start is:

- |           |           |
|-----------|-----------|
| (a) 25 km | (b) 31 km |
| (c) 24 km | (d) 17 km |

85. Complete the series: D, H, L, P, ?

- |       |       |
|-------|-------|
| (a) R | (b) T |
| (c) S | (d) U |

86. In a row of 35 students, Priya is 20th from the left. Her position from the right is:

- |          |          |
|----------|----------|
| (a) 14th | (b) 16th |
| (c) 17th | (d) 15th |

87. Choose the pair analogous to 'Poet : Poem'.

- |                   |                    |
|-------------------|--------------------|
| (a) Singer : Song | (b) Doctor : Nurse |
| (c) Book : Reader | (d) Actor : Stage  |



88. If 'W' means '+', 'X' means '-', 'Y' means 'x' and 'Z' means '/', then  $20 Y 2 Z 4 W 3 = ?$

- (a) 11
- (b) 14
- (c) 12
- (d) 13

89. Find the odd one out: 16, 36, 64, 81, 100.

- (a) 100
- (b) 36
- (c) 81
- (d) 64

90. At what time between 1 and 2 o'clock are the hands of a clock together?

- (a) 1:06
- (b) 1:07
- (c) 1:05
- (d) 1:05 5/11

91. If a mirror is placed on the line MN, which is vertical, the mirror image of 'b' is:

- (a) d
- (b) b
- (c) p
- (d) q

92. Complete the series: 1, 2, 4, 8, 16, ?

- (a) 24
- (b) 32
- (c) 30
- (d) 20

93. Six persons sit in a row. A is to the left of B, C is to the right of B, D is to the left of A, E is to the right of C, and F is between B and C. The person exactly in the centre is:

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

94. Find the next term: B3, D5, F7, H9, ?

- (a) J12
- (b) I11
- (c) K11
- (d) J11

95. A cube of edge 5 cm is painted and cut into 1 cm cubes. How many have exactly three faces painted?

- (a) 6
- (b) 12
- (c) 8
- (d) 27

96. In a coded language, 'hot tea cup' is 'na la ka' and 'cold tea pot' is 'sa la ta'. What is the code for 'tea'?

- (a) sa
- (b) na
- (c) la
- (d) ka

97. Find the next term: 2, 4, 7, 11, 16, ?

- (a) 20
- (b) 23
- (c) 22
- (d) 21

**98.** A is the father of B. B is the mother of C. D is the son of C. How is A related to D?

- |                       |            |
|-----------------------|------------|
| (a) Grandfather       | (b) Uncle  |
| (c) Great-grandfather | (d) Father |

**99.** Complete the analogy: Bee : Hive :: Bird : ?

- |          |          |
|----------|----------|
| (a) Tree | (b) Sky  |
| (c) Cage | (d) Nest |

**100.** Find the odd one out: 12, 24, 36, 50, 60.

- |        |        |
|--------|--------|
| (a) 24 | (b) 60 |
| (c) 36 | (d) 50 |

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