

# AFCAT 2 2022

## AFCAT 2 2022 Practice Paper 01

1. Choose the word most similar in meaning to 'ROBUST'.  
(a) Weak (b) Frail  
(c) Strong (d) Fragile
2. Choose the word most opposite in meaning to 'ACCELERATE'.  
(a) Decelerate (b) Speed up  
(c) Quicken (d) Hasten
3. Fill in the blank: He was absorbed \_\_\_\_ his work.  
(a) in (b) with  
(c) at (d) on
4. The idiom 'to add insult to injury' means:  
(a) To make a bad situation worse (b) To hurt physically  
(c) To help someone (d) To apologise
5. One word substitution: a person appointed to settle a dispute.  
(a) Arbitrator (b) Witness  
(c) Advocate (d) Defendant
6. Choose the correctly spelt word.  
(a) Beleve (b) Believ  
(c) Beleive (d) Believe
7. Spot the error: 'Each of the girls (A)/ have been given (B)/ a prize (C)/ No error (D).'
8. Choose the word most similar in meaning to 'ELATED'.  
(a) Depressed (b) Sad  
(c) Gloomy (d) Overjoyed
9. Choose the word most opposite in meaning to 'PERMANENT'.  
(a) Durable (b) Lasting  
(c) Eternal (d) Temporary
10. Fill in the blank: The teacher was pleased \_\_\_\_ the students' performance.  
(a) at (b) of  
(c) from (d) with

11. One word substitution: a medicine that induces sleep.
- (a) Stimulant (b) Tonic  
(c) Antidote (d) Soporific
12. The idiom 'to cross the Rubicon' means:
- (a) To make a mistake (b) To take a decisive, irreversible step  
(c) To cross a river (d) To retreat
13. Improve the underlined part: 'She has been working here since five years.'
- (a) since five years (b) for five years  
(c) in five years (d) from five years
14. Choose the word most opposite in meaning to 'BOLD'.
- (a) Daring (b) Fearless  
(c) Brave (d) Timid
15. Choose the word most similar in meaning to 'ADEQUATE'.
- (a) Scarce (b) Insufficient  
(c) Sufficient (d) Deficient
16. Fill in the blank: He is capable \_\_\_\_ handling the situation.
- (a) in (b) for  
(c) to (d) of
17. One word substitution: a person who does not take alcoholic drinks.
- (a) Teetotaller (b) Gourmet  
(c) Alcoholic (d) Epicure
18. The idiom 'to spill the beans' means:
- (a) To make a mess (b) To waste food  
(c) To cook (d) To reveal a secret
19. Choose the correctly spelt word.
- (a) Neccessary (b) Neccesary  
(c) Necessary (d) Necessary
20. Choose the word most opposite in meaning to 'ACCEPT'.
- (a) Reject (b) Receive  
(c) Approve (d) Admit
21. Choose the word most similar in meaning to 'ENORMOUS'.
- (a) Small (b) Tiny  
(c) Huge (d) Little

22. Fill in the blank: She apologised \_\_\_\_ her mistake.  
(a) for (b) of  
(c) with (d) on
23. One word substitution: the murder of a king.  
(a) Patricide (b) Homicide  
(c) Regicide (d) Genocide
24. Spot the error: 'The scenery of the hills (A)/ are very beautiful (B)/ in spring (C)/ No error (D).'
- (a) D (b) C  
(c) A (d) B
25. Choose the word most similar in meaning to 'RAPID'.  
(a) Slow (b) Gradual  
(c) Sluggish (d) Swift
26. Choose the word most opposite in meaning to 'INCREASE'.  
(a) Grow (b) Expand  
(c) Decrease (d) Raise
27. The idiom 'a piece of cake' means:  
(a) A dessert (b) A very easy task  
(c) A small portion (d) A difficult job
28. Fill in the blank: He has a taste \_\_\_\_ classical music.  
(a) to (b) for  
(c) of (d) in
29. One word substitution: something that can be heard.  
(a) Audible (b) Visible  
(c) Edible (d) Legible
30. Choose the word most similar in meaning to 'TERMINATE'.  
(a) Continue (b) Start  
(c) Begin (d) End
31. The 'Digital India' programme was launched by the Government of India in which year?  
(a) 2014 (b) 2015  
(c) 2013 (d) 2016
32. Which is the longest river in India?  
(a) Godavari (b) Yamuna  
(c) Brahmaputra (d) Ganga

33. The 'Battle of Haldighati' (1576) was fought between Maharana Pratap and:  
(a) Aurangzeb (b) Sher Shah Suri  
(c) Akbar's forces (d) Babur
34. Which planet is known as the 'Red Planet'?  
(a) Mars (b) Venus  
(c) Jupiter (d) Saturn
35. The Indian National Congress was founded in the year:  
(a) 1920 (b) 1857  
(c) 1905 (d) 1885
36. The SI unit of energy is the:  
(a) Pascal (b) Joule  
(c) Newton (d) Watt
37. The Lok Sabha is presided over by the:  
(a) Vice-President (b) Speaker  
(c) Prime Minister (d) President
38. Which vitamin deficiency causes scurvy?  
(a) Vitamin D (b) Vitamin A  
(c) Vitamin K (d) Vitamin C
39. The Nathula Pass connects India with:  
(a) China (Tibet) (b) Myanmar  
(c) Nepal (d) Bhutan
40. The 'Param Vir Chakra' is awarded for gallantry:  
(a) For social service (b) In peacetime  
(c) For sports (d) In the presence of the enemy
41. The functional unit of the kidney is the:  
(a) Neuron (b) Nephron  
(c) Axon (d) Alveolus
42. The 'Non-Cooperation Movement' was launched by Gandhi in:  
(a) 1920 (b) 1930  
(c) 1942 (d) 1919
43. The Sun is mainly composed of:  
(a) Oxygen and nitrogen (b) Nitrogen and helium  
(c) Hydrogen and helium (d) Carbon and oxygen

44. 'Operation Vijay' is associated with which conflict?  
(a) Siachen conflict (b) 1971 War  
(c) Kargil War (d) 1962 War
45. Which is the hardest natural substance known?  
(a) Iron (b) Graphite  
(c) Quartz (d) Diamond
46. The Constituent Assembly adopted the Constitution of India on:  
(a) 15 August 1947 (b) 26 January 1950  
(c) 2 October 1950 (d) 26 November 1949
47. The 'Wular Lake' is located in which state/UT?  
(a) Ladakh (b) Jammu & Kashmir  
(c) Himachal Pradesh (d) Uttarakhand
48. Who was the founder of the Maurya Empire?  
(a) Bimbisara (b) Chandragupta Maurya  
(c) Bindusara (d) Ashoka
49. The 'INS Vela' is a:  
(a) Frigate (b) Submarine  
(c) Aircraft carrier (d) Destroyer
50. The chemical formula of common salt is:  
(a)  $\text{CaCO}_3$  (b)  $\text{KCl}$   
(c)  $\text{NaCl}$  (d)  $\text{NaOH}$
51. The Ilbert Bill controversy occurred during the tenure of:  
(a) Lord Minto (b) Lord Curzon  
(c) Lord Lytton (d) Lord Ripon
52. The headquarters of the World Health Organization (WHO) is in:  
(a) Vienna (b) New York  
(c) Paris (d) Geneva
53. The 'Golden Temple' is located in which city?  
(a) Ludhiana (b) Anandpur Sahib  
(c) Amritsar (d) Patiala
54. The deepest ocean trench on Earth is the:  
(a) Tonga Trench (b) Puerto Rico Trench  
(c) Mariana Trench (d) Java Trench

55. The 'Sukhoi Su-30 MKI' is operated by the:
- (a) Indian Air Force (b) Indian Army  
(c) Indian Navy (d) Coast Guard
56. The average of 15, 25, 35, 45 and 55 is:
- (a) 30 (b) 45  
(c) 35 (d) 40
57. A shopkeeper sells an article at a loss of 12% for Rs 220. Its cost price is:
- (a) Rs 245 (b) Rs 240  
(c) Rs 260 (d) Rs 250
58. The value of 40% of 250 plus 25% of 80 is:
- (a) 100 (b) 120  
(c) 110 (d) 130
59. A train 200 m long crosses a bridge 300 m long in 20 seconds. Its speed is:
- (a) 90 km/h (b) 80 km/h  
(c) 72 km/h (d) 60 km/h
60. The LCM of 8, 12 and 16 is:
- (a) 48 (b) 96  
(c) 24 (d) 32
61. A shopkeeper marks an article 50% above cost and gives a 20% discount. His profit percent is:
- (a) 20% (b) 30%  
(c) 25% (d) 15%
62. The simple interest on Rs 4,000 at 9% per annum for 2 years is:
- (a) Rs 700 (b) Rs 720  
(c) Rs 680 (d) Rs 640
63. A can do a work in 6 days and B in 12 days. Together they finish it in:
- (a) 3 days (b) 6 days  
(c) 5 days (d) 4 days
64. The cube root of 3375 is:
- (a) 15 (b) 13  
(c) 17 (d) 12
65. If the perimeter of an equilateral triangle is 60 cm, its side is:
- (a) 15 cm (b) 20 cm  
(c) 25 cm (d) 30 cm

66. A boat's speed in still water is 12 km/h and the stream is 3 km/h. Time to travel 30 km downstream is:

- |               |             |
|---------------|-------------|
| (a) 1.5 hours | (b) 3 hours |
| (c) 2.5 hours | (d) 2 hours |

67. The compound interest on Rs 10,000 at 5% per annum for 2 years is:

- |              |              |
|--------------|--------------|
| (a) Rs 1,100 | (b) Rs 1,000 |
| (c) Rs 1,050 | (d) Rs 1,025 |

68. If  $3x - 7 = 2x + 5$ , then  $x$  is:

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

69. The number 4832 is divisible by:

- |        |       |
|--------|-------|
| (a) 11 | (b) 3 |
| (c) 8  | (d) 9 |

70. 35% of a number is 84. The number is:

- |         |         |
|---------|---------|
| (a) 220 | (b) 240 |
| (c) 280 | (d) 260 |

71. The diagonal of a square is 12 cm. Its area is:

- |               |              |
|---------------|--------------|
| (a) 96 sq cm  | (b) 64 sq cm |
| (c) 144 sq cm | (d) 72 sq cm |

72. Two numbers are in the ratio 4:7 and their sum is 88. The smaller number is:

- |        |        |
|--------|--------|
| (a) 40 | (b) 28 |
| (c) 32 | (d) 36 |

73. A man covers a distance of 240 km in 4 hours. His speed in m/s is (approx.):

- |              |              |
|--------------|--------------|
| (a) 16.7 m/s | (b) 15.6 m/s |
| (c) 18 m/s   | (d) 20 m/s   |

74. Find the next term: 5, 10, 20, 40, ?

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|--------|---------|
| (a) 80 | (b) 70  |
| (c) 60 | (d) 100 |

75. If 'STAR' is coded as 'TUBS' (each letter +1), then 'MOON' is coded as:

- |          |          |
|----------|----------|
| (a) NOPO | (b) NPPO |
| (c) MPPO | (d) NPPP |

76. Pointing to a lady, a man said, 'She is the daughter of my father's only son.' How is the lady related to the man?
- (a) Cousin (b) Sister  
(c) Daughter (d) Niece
77. Choose the odd one out.
- (a) Wheat (b) Mango  
(c) Rice (d) Maize
78. A man walks 8 km North, then 6 km East. His shortest distance from the start is:
- (a) 12 km (b) 10 km  
(c) 14 km (d) 2 km
79. Complete the analogy: Pen : Writer :: Needle : ?
- (a) Thread (b) Button  
(c) Cloth (d) Tailor
80. Statements: All cats are animals. No animal is a plant. Conclusion I: No cat is a plant. Conclusion II: Some animals are cats. Which follows?
- (a) Only II (b) Only I  
(c) Neither (d) Both I and II
81. Find the missing number: 3, 8, 15, 24, 35, ?
- (a) 50 (b) 44  
(c) 46 (d) 48
82. If 'LIGHT' is written as 'MJHIU' (each +1), how is 'DARK' written?
- (a) EBRL (b) EBSL  
(c) FBSL (d) EBSK
83. Choose the odd one out.
- (a) July (b) March  
(c) June (d) January
84. A man walks 5 km West, turns right and walks 12 km. His shortest distance from the start is:
- (a) 17 km (b) 13 km  
(c) 7 km (d) 12 km
85. Complete the series: B, E, H, K, ?
- (a) N (b) O  
(c) M (d) L

86. In a row of 30 boys, Amit is 14th from the right. His position from the left is:

- |          |          |
|----------|----------|
| (a) 15th | (b) 18th |
| (c) 16th | (d) 17th |

87. Choose the pair analogous to 'Fish : Water'.

- |                    |                    |
|--------------------|--------------------|
| (a) Camel : Desert | (b) Horse : Stable |
| (c) Dog : Kennel   | (d) Bird : Cage    |

88. If 'A' means '+', 'B' means '-', 'C' means 'x' and 'D' means '/', then  $8\ C\ 4\ D\ 2\ A\ 5 = ?$

- |        |        |
|--------|--------|
| (a) 20 | (b) 22 |
| (c) 18 | (d) 21 |

89. Find the odd one out: 2, 3, 5, 7, 9.

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

90. At what time between 3 and 4 o'clock are the hands of a clock together?

- |          |                         |
|----------|-------------------------|
| (a) 3:16 | (b) 3:16 $\frac{4}{11}$ |
| (c) 3:15 | (d) 3:17                |

91. If North becomes East, East becomes South, and so on, then a person walking towards West is actually walking towards:

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

92. Complete the series: 2, 6, 18, 54, ?

- |         |         |
|---------|---------|
| (a) 108 | (b) 216 |
| (c) 150 | (d) 162 |

93. Six people A to F sit around a hexagonal table facing the centre. A is opposite D, B is opposite E. Who is opposite C?

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

94. Find the next term: A1, C3, E5, G7, ?

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|--------|--------|
| (a) I8 | (b) I9 |
| (c) H9 | (d) J9 |

95. A cube of edge 3 cm is painted and cut into 1 cm cubes. How many have exactly one face painted?

- |        |       |
|--------|-------|
| (a) 1  | (b) 6 |
| (c) 12 | (d) 8 |

96. In a coded language, 'red apple sweet' is 'ma pa la' and 'sweet green mango' is 'la ta sa'. What is the code for 'sweet'?

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

97. Find the next term: 1, 3, 6, 10, 15, ?

- |        |        |
|--------|--------|
| (a) 21 | (b) 22 |
| (c) 18 | (d) 20 |

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

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

99. Complete the analogy: Sculptor : Statue :: Poet : ?

- |           |         |
|-----------|---------|
| (a) Poem  | (b) Pen |
| (c) Paper | (d) Ink |

100. Find the odd one out: 8, 27, 64, 125, 150.

- |         |         |
|---------|---------|
| (a) 125 | (b) 27  |
| (c) 64  | (d) 150 |