

AFCAT 2 2017 Practice Paper 02

1. Choose the synonym of 'BELLIGERENT'.

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| (a) Peaceful | (b) Aggressive |
| (c) Calm | (d) Friendly |

2. Choose the antonym of 'SCRUTINISE'.

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| (a) Examine | (b) Overlook |
| (c) Inspect | (d) Analyse |

3. What does the idiom 'to put the cart before the horse' mean?

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| (a) To load a cart | (b) To do things in the wrong order |
| (c) To travel | (d) To hurry |

4. Choose the synonym of 'EMACIATED'.

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| (a) Healthy | (b) Thin and weak |
| (c) Robust | (d) Plump |

5. Choose the antonym of 'PROXIMITY'.

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| (a) Nearness | (b) Distance |
| (c) Closeness | (d) Vicinity |

6. Fill in the blank: He was deprived ____ his rights.

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

7. One word for 'a person who believes in the existence of God'.

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| (a) Atheist | (b) Theist |
| (c) Agnostic | (d) Sceptic |

8. What does 'to take the bull by the horns' mean?

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| (a) To fight animals | (b) To confront a difficulty boldly |
| (c) To run away | (d) To be afraid |

9. Choose the synonym of 'PLETHORA'.

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| (a) Scarcity | (b) Abundance |
| (c) Lack | (d) Deficit |

10. Choose the antonym of 'VOLUNTARY'.

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| (a) Willing | (b) Compulsory |
| (c) Optional | (d) Free |

11. Choose the correctly spelt word.
- (a) Accomodate (b) Accommodate
(c) Acommodate (d) Accomadate
12. Fill in the blank: He is indebted ____ his teacher.
- (a) for (b) to
(c) with (d) of
13. One word for 'a person appointed to hear and settle a dispute'.
- (a) Witness (b) Arbitrator
(c) Advocate (d) Plaintiff
14. What does 'to leave no stone unturned' mean?
- (a) To search (b) To make every possible effort
(c) To build (d) To rest
15. Choose the synonym of 'FASTIDIOUS'.
- (a) Careless (b) Fussy
(c) Casual (d) Relaxed
16. Identify the part with an error: The quality of the mangoes / were / not good / this season.
- (a) The quality of the mangoes (b) were
(c) not good (d) this season
17. Choose the antonym of 'CANDOUR'.
- (a) Frankness (b) Deceit
(c) Honesty (d) Openness
18. Fill in the blank: He is confident ____ winning the race.
- (a) in (b) of
(c) about (d) at
19. One word for 'a place where soldiers are housed'.
- (a) Garrison (b) Barracks
(c) Fort (d) Bunker
20. Choose the synonym of 'INSIPID'.
- (a) Tasty (b) Dull
(c) Spicy (d) Flavourful
21. Choose the antonym of 'EPHEMERAL'.
- (a) Fleeting (b) Permanent
(c) Brief (d) Transient

22. What does 'to burn the candle at both ends' mean?
- (a) To rest (b) To exhaust oneself with overwork
(c) To sleep (d) To waste money
23. Improve the sentence: He is more wiser than his brother.
- (a) wiser (b) more wiser
(c) most wise (d) No improvement
24. One word for 'incapable of being read'.
- (a) Illegible (b) Illiterate
(c) Ineligible (d) Invisible
25. Choose the synonym of 'CONUNDRUM'.
- (a) Solution (b) Puzzle
(c) Answer (d) Clarity
26. Choose the antonym of 'ZENITH'.
- (a) Peak (b) Nadir
(c) Summit (d) Apex
27. Fill in the blank: She is averse ____ taking risks.
- (a) of (b) to
(c) from (d) with
28. One word for 'the killing of a king'.
- (a) Homicide (b) Regicide
(c) Genocide (d) Patricide
29. The capital of Canada is?
- (a) Toronto (b) Ottawa
(c) Vancouver (d) Montreal
30. The 'Mahalwari System' of land revenue was introduced by?
- (a) Thomas Munro (b) Holt Mackenzie
(c) Cornwallis (d) Wellesley
31. The First Battle of Tarain (1191) was won by?
- (a) Muhammad Ghori (b) Prithviraj Chauhan
(c) Mahmud of Ghazni (d) Qutb-ud-din Aibak
32. The Tehri Dam is built on which river?
- (a) Ganga (b) Yamuna
(c) Bhagirathi (d) Alaknanda

33. The chemical symbol for platinum is?
(a) Pl (b) Pt
(c) Pm (d) Po
34. Which hormone is known as the 'fight or flight' hormone?
(a) Insulin (b) Adrenaline
(c) Thyroxine (d) Oestrogen
35. Who wrote the book 'A Brief History of Time'?
(a) Albert Einstein (b) Stephen Hawking
(c) Carl Sagan (d) Richard Feynman
36. The currency of Saudi Arabia is?
(a) Dinar (b) Riyal
(c) Dirham (d) Rial
37. The SI unit of magnetic flux density is?
(a) Weber (b) Tesla
(c) Henry (d) Gauss
38. Which is the nearest star to the Earth after the Sun?
(a) Sirius (b) Proxima Centauri
(c) Alpha Centauri (d) Barnard's Star
39. The Chalukya dynasty had its capital at?
(a) Vatapi (Badami) (b) Kanchi
(c) Madurai (d) Warangal
40. The Wardha Scheme of Basic Education (1937) was based on the ideas of?
(a) Tagore (b) Mahatma Gandhi
(c) Nehru (d) Vivekananda
41. INS Vikramaditya was inducted into the Indian Navy in the year?
(a) 2010 (b) 2013
(c) 2015 (d) 2017
42. The Vernacular Press Act (1878) was passed during the viceroyalty of?
(a) Lord Ripon (b) Lord Lytton
(c) Lord Curzon (d) Lord Minto
43. Which Article of the Constitution abolishes titles except military and academic distinctions?
(a) Article 17 (b) Article 18
(c) Article 19 (d) Article 21

44. The Periyar Wildlife Sanctuary is located in which state?
(a) Karnataka (b) Kerala
(c) Tamil Nadu (d) Andhra Pradesh
45. The SI unit of frequency is?
(a) Newton (b) Hertz
(c) Joule (d) Watt
46. The Battle of Ghaghra (1529) was won by?
(a) Sher Shah Suri (b) Babur
(c) Humayun (d) Akbar
47. The 'August Offer' (1940) was made by which Viceroy?
(a) Lord Wavell (b) Lord Linlithgow
(c) Lord Mountbatten (d) Lord Irwin
48. Which is the longest mountain range in the world?
(a) Himalayas (b) Andes
(c) Rockies (d) Alps
49. The Bhakra Nangal Dam is built on which river?
(a) Beas (b) Sutlej
(c) Ravi (d) Chenab
50. The 'Cripps Mission' (1942) was rejected by the Congress because it offered only?
(a) Complete independence (b) Dominion status after the war
(c) Partition (d) Provincial autonomy
51. The SI unit of pressure is?
(a) Newton (b) Pascal
(c) Joule (d) Bar
52. The Anglo-Mysore Wars were fought between the British and the rulers of Mysore, ending with the death of?
(a) Hyder Ali (b) Tipu Sultan
(c) Krishnaraja (d) Chikka Devaraja
53. The Dilwara Temples, famous for marble carving, are located at?
(a) Mount Abu (b) Ranakpur
(c) Palitana (d) Shatrunjaya

54. 'Operation Cactus' (1988) foiled a coup attempt in which country?
(a) Sri Lanka (b) Maldives
(c) Mauritius (d) Seychelles
55. Which Indian state is the largest producer of wheat?
(a) Punjab (b) Uttar Pradesh
(c) Haryana (d) Madhya Pradesh
56. The value of 37.5% of 480 is?
(a) 160 (b) 180
(c) 200 (d) 150
57. The average of the first 8 odd numbers is?
(a) 7 (b) 8
(c) 9 (d) 10
58. An article costing Rs. 850 is sold for Rs. 680. The loss percentage is?
(a) 15% (b) 20%
(c) 25% (d) 10%
59. A and B together can do a work in 10 days; A alone in 15 days. B alone can do it in?
(a) 25 days (b) 30 days
(c) 20 days (d) 35 days
60. The square root of 2601 is?
(a) 49 (b) 51
(c) 53 (d) 47
61. A train 150 m long moving at 45 km/h crosses a platform 225 m long in?
(a) 28 seconds (b) 30 seconds
(c) 32 seconds (d) 26 seconds
62. If $a : b = 2 : 3$ and $b : c = 6 : 7$, then $a : c$ is?
(a) 4 : 7 (b) 2 : 7
(c) 4 : 21 (d) 6 : 7
63. The compound interest on Rs. 15000 at 10% per annum for 2 years is?
(a) Rs. 3000 (b) Rs. 3150
(c) Rs. 3100 (d) Rs. 3200
64. A sum becomes 5 times itself in 16 years at simple interest. The rate of interest is?
(a) 20% (b) 25%
(c) 30% (d) 15%

65. The average of 10 numbers is 40. If two numbers 30 and 50 are removed, the average of the rest is?
- (a) 38 (b) 40
(c) 42 (d) 44
66. On a marked price of Rs. 2500, successive discounts of 20% and 15% give a selling price of?
- (a) Rs. 1700 (b) Rs. 1750
(c) Rs. 1800 (d) Rs. 1650
67. If 40% of 30% of a number is 36, the number is?
- (a) 250 (b) 300
(c) 320 (d) 350
68. The HCF of 36, 54 and 90 is?
- (a) 6 (b) 9
(c) 18 (d) 12
69. A shopkeeper marks goods 30% above cost and gives a 20% discount. His profit percent is?
- (a) 4% (b) 5%
(c) 6% (d) 8%
70. A boat covers 15 km downstream in 1 hour and 15 km upstream in 3 hours. The speed of the stream is?
- (a) 4 km/h (b) 5 km/h
(c) 6 km/h (d) 3 km/h
71. The difference between compound interest and simple interest on Rs. 20000 at 5% per annum for 2 years is?
- (a) Rs. 40 (b) Rs. 50
(c) Rs. 60 (d) Rs. 45
72. What is 25% of 24% of 500?
- (a) 25 (b) 30
(c) 35 (d) 40
73. The area of a rhombus whose diagonals are 12 cm and 16 cm is?
- (a) 96 sq cm (b) 192 sq cm
(c) 48 sq cm (d) 120 sq cm
74. The value of 3 raised to the power 6 is?
- (a) 243 (b) 729
(c) 486 (d) 567

75. A father is 30 years older than his son. In 5 years, the father will be three times as old as the son. The father's present age is?

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| (a) 35 years | (b) 40 years |
| (c) 45 years | (d) 50 years |

76. Two numbers are in the ratio 3 : 5. If 9 is subtracted from each, the ratio becomes 3 : 7. The smaller number is?

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

77. Find the next term: 3, 6, 12, 24, ?

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| (a) 36 | (b) 48 |
| (c) 42 | (d) 40 |

78. Complete the analogy: Astronomy : Stars :: Seismology : ?

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| (a) Weather | (b) Earthquakes |
| (c) Rocks | (d) Fossils |

79. If 'CAT' is coded as 24 ($3 + 1 + 20$), then 'DOG' is coded as?

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| (a) 24 | (b) 26 |
| (c) 28 | (d) 30 |

80. Find the odd one out.

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|---------|---------|
| (a) 216 | (b) 343 |
| (c) 512 | (d) 600 |

81. A is the daughter of B. B is the son of C. C is the father of D. How is D related to A (if D is female)?

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

82. A man walks 7 km east, turns north and walks 24 km, then turns west and walks 7 km. How far is he from the start?

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

83. Find the next letter: E, H, L, Q, ?

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| (a) V | (b) W |
| (c) U | (d) X |

84. In a code, if $2 \& 3 = 13$ and $4 \& 5 = 41$, then $6 \& 7 = ?$ ($a \& b = a^2 + b^2$)

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| (a) 83 | (b) 85 |
| (c) 87 | (d) 81 |

85. Find the next number: 2, 3, 6, 18, 108, ?

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| (a) 1944 | (b) 1296 |
| (c) 1080 | (d) 2160 |

86. Complete the analogy: Author : Novel :: Composer : ?

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| (a) Song | (b) Symphony |
| (c) Poem | (d) Play |

87. Find the odd one out.

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| (a) 19 | (b) 29 |
| (c) 39 | (d) 59 |

88. In a row of 40 students, a boy is 16th from the left. What is his position from the right?

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| (a) 24th | (b) 25th |
| (c) 23rd | (d) 26th |

89. If '+' means '/', '/' means '-', '-' means 'x', and 'x' means '+', then $16 + 4 - 2 / 3 = ?$

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| (a) 5 | (b) 6 |
| (c) 7 | (d) 8 |

90. Find the next term: 1, 8, 27, 64, ?

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| (a) 100 | (b) 125 |
| (c) 216 | (d) 81 |

91. If 'A > B' means A is the father of B and 'A < B' means A is the daughter of B, then in 'P < Q > R', how is P related to R?

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

92. Find the missing number: 4, 9, 19, 39, 79, ?

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| (a) 149 | (b) 159 |
| (c) 139 | (d) 169 |

93. Complete the analogy: Cube : Square :: Sphere : ?

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|--------------|--------------|
| (a) Circle | (b) Triangle |
| (c) Cylinder | (d) Cone |

94. Facing west, a person turns 90 degrees anticlockwise and then 180 degrees clockwise. Which direction is he now facing?

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

95. Find the next number: 3, 5, 9, 17, 33, ?

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| (a) 63 | (b) 65 |
| (c) 64 | (d) 66 |

96. Complete the analogy: Milk : Curd :: Grapes : ?

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| (a) Juice | (b) Wine |
| (c) Jam | (d) Raisin |

97. The reflex angle between the hands of a clock at 4 o'clock is?

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|-----------------|-----------------|
| (a) 120 degrees | (b) 240 degrees |
| (c) 210 degrees | (d) 180 degrees |

98. Find the odd one out.

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|---------|---------|
| (a) 121 | (b) 169 |
| (c) 196 | (d) 200 |

99. Complete the analogy: Glove : Hand :: Helmet : ?

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| (a) Leg | (b) Head |
| (c) Arm | (d) Foot |

100. Find the next number: 2, 4, 12, 48, ?

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| (a) 192 | (b) 240 |
| (c) 144 | (d) 96 |