

AFCAT 1 2018

AFCAT 1 2018 Practice Paper 02

1. Choose the synonym of 'INEXORABLE'.
(a) Flexible (b) Relentless
(c) Yielding (d) Merciful
2. Choose the antonym of 'AMELIORATE'.
(a) Improve (b) Worsen
(c) Enhance (d) Better
3. What does the idiom 'to steal a march on' mean?
(a) To rob (b) To gain an advantage over someone
(c) To walk fast (d) To retreat
4. Choose the synonym of 'OBSTINATE'.
(a) Yielding (b) Stubborn
(c) Flexible (d) Gentle
5. Choose the antonym of 'FRIVOLOUS'.
(a) Trivial (b) Serious
(c) Silly (d) Petty
6. Fill in the blank: He was accused ____ negligence.
(a) with (b) of
(c) for (d) by
7. One word for 'a person who believes that human nature is essentially selfish'.
(a) Altruist (b) Cynic
(c) Optimist (d) Philanthropist
8. What does 'to have an axe to grind' mean?
(a) To sharpen tools (b) To have a selfish motive
(c) To work hard (d) To argue
9. Choose the synonym of 'CLANDESTINE'.
(a) Open (b) Secret
(c) Public (d) Visible
10. Choose the antonym of 'PROLIFIC'.
(a) Fertile (b) Barren
(c) Productive (d) Fruitful

11. Choose the correctly spelt word.
- (a) Priviledge (b) Privilege
(c) Privelege (d) Privilage
12. Fill in the blank: She is indifferent ____ his opinions.
- (a) with (b) to
(c) of (d) for
13. One word for 'the study of the human population'.
- (a) Geography (b) Demography
(c) Ethnography (d) Cartography
14. What does 'to burn one's boats' mean?
- (a) To set fire (b) To commit oneself with no way back
(c) To sail away (d) To destroy property
15. Choose the synonym of 'MEAGRE'.
- (a) Abundant (b) Scanty
(c) Plentiful (d) Ample
16. Identify the part with an error: Neither of the two answers / are / correct.
- (a) Neither of the two answers (b) are
(c) correct (d) No error
17. Choose the antonym of 'GREGARIOUS'.
- (a) Sociable (b) Solitary
(c) Friendly (d) Outgoing
18. Fill in the blank: He is desirous ____ success.
- (a) for (b) of
(c) to (d) with
19. One word for 'words used in the practice of a particular profession'.
- (a) Slang (b) Jargon
(c) Idiom (d) Proverb
20. Choose the synonym of 'PLACID'.
- (a) Turbulent (b) Calm
(c) Stormy (d) Agitated
21. Choose the antonym of 'TRANSIENT'.
- (a) Temporary (b) Permanent
(c) Fleeting (d) Brief

22. What does 'to bite the dust' mean?
- (a) To eat (b) To be defeated or die
(c) To fall asleep (d) To clean
23. Improve the sentence: Scarcely had I reached the station than the train left.
- (a) when (b) than
(c) then (d) No improvement
24. One word for 'a person who breaks into houses to steal'.
- (a) Robber (b) Burglar
(c) Shoplifter (d) Pickpocket
25. Choose the synonym of 'AUDACIOUS'.
- (a) Timid (b) Bold
(c) Shy (d) Cowardly
26. Choose the antonym of 'MITIGATE'.
- (a) Lessen (b) Aggravate
(c) Reduce (d) Soothe
27. Fill in the blank: He is immune ____ the disease.
- (a) from (b) to
(c) with (d) for
28. One word for 'that which lasts for a very short time'.
- (a) Eternal (b) Ephemeral
(c) Permanent (d) Perpetual
29. The capital of Argentina is?
- (a) Santiago (b) Buenos Aires
(c) Lima (d) Bogota
30. The 'Subsidiary Alliance' system was introduced by?
- (a) Lord Cornwallis (b) Lord Wellesley
(c) Lord Dalhousie (d) Lord Curzon
31. The Second Battle of Tarain (1192) was won by?
- (a) Prithviraj Chauhan (b) Muhammad Ghori
(c) Mahmud of Ghazni (d) Babur
32. Which river is known as the 'Sorrow of Bihar'?
- (a) Ganga (b) Kosi
(c) Son (d) Gandak

33. The chemical symbol for lead is?
(a) Le (b) Pb
(c) Ld (d) Pl
34. Which gland secretes insulin?
(a) Thyroid (b) Pancreas
(c) Adrenal (d) Pituitary
35. Who wrote the book 'Wealth of Nations'?
(a) Karl Marx (b) Adam Smith
(c) J. M. Keynes (d) David Ricardo
36. The currency of Thailand is?
(a) Ringgit (b) Baht
(c) Rupiah (d) Peso
37. The SI unit of electric charge is?
(a) Ampere (b) Coulomb
(c) Volt (d) Ohm
38. Which planet has the fastest rotation on its axis?
(a) Earth (b) Jupiter
(c) Mars (d) Venus
39. The Kakatiya dynasty had its capital at?
(a) Warangal (b) Devagiri
(c) Madurai (d) Dwarasamudra
40. The Quit India Resolution was passed in the year?
(a) 1930 (b) 1942
(c) 1920 (d) 1946
41. INS Vikramaditya was originally a warship of which country?
(a) USA (b) Russia
(c) France (d) Britain
42. The Champaran Satyagraha (1917) was related to the grievances of?
(a) Textile workers (b) Indigo cultivators
(c) Zamindars (d) Railway workers
43. Which Article of the Constitution provides for the Right to Constitutional Remedies?
(a) Article 19 (b) Article 32
(c) Article 21 (d) Article 14

44. The Jim Corbett National Park is located in which state?
(a) Uttar Pradesh (b) Uttarakhand
(c) Himachal Pradesh (d) Assam
45. The SI unit of capacitance is?
(a) Henry (b) Farad
(c) Ohm (d) Weber
46. The Battle of Chausa (1539) was fought between Humayun and?
(a) Babur (b) Sher Shah Suri
(c) Akbar (d) Rana Sanga
47. The 'Simla Agreement' (1972) was signed between India and?
(a) China (b) Pakistan
(c) Bangladesh (d) Nepal
48. Which is the highest plateau in the world?
(a) Deccan Plateau (b) Tibetan Plateau
(c) Chota Nagpur Plateau (d) Colorado Plateau
49. The Loktak Lake, the largest freshwater lake in the north-east, is in?
(a) Assam (b) Manipur
(c) Meghalaya (d) Tripura
50. The 'Chauri Chaura incident' (1922) led Gandhi to withdraw which movement?
(a) Quit India Movement (b) Non-Cooperation Movement
(c) Civil Disobedience Movement (d) Swadeshi Movement
51. The SI unit of luminous intensity is?
(a) Lux (b) Candela
(c) Lumen (d) Watt
52. The Anglo-Sikh Wars were fought during the tenure of which Governor-General?
(a) Lord Dalhousie (b) Lord Hardinge
(c) Lord Auckland (d) Lord Ellenborough
53. The Sanchi Stupa was originally built by which ruler?
(a) Chandragupta Maurya (b) Ashoka
(c) Harsha (d) Kanishka
54. 'Operation Cactus' (1988) was carried out by India in?
(a) Sri Lanka (b) Maldives
(c) Bangladesh (d) Seychelles

55. Which Indian state is the largest producer of sugarcane?
(a) Maharashtra (b) Uttar Pradesh
(c) Karnataka (d) Bihar
56. The value of 37.5% of 320 is?
(a) 100 (b) 120
(c) 140 (d) 110
57. The average of the first 10 odd numbers is?
(a) 9 (b) 10
(c) 11 (d) 12
58. An article costing Rs. 750 is sold for Rs. 600. The loss percentage is?
(a) 15% (b) 20%
(c) 25% (d) 10%
59. A and B together can do a work in 12 days; A alone in 20 days. B alone can do it in?
(a) 24 days (b) 30 days
(c) 32 days (d) 36 days
60. The square root of 1764 is?
(a) 40 (b) 42
(c) 44 (d) 46
61. A train 180 m long moving at 72 km/h crosses a platform 220 m long in?
(a) 18 seconds (b) 20 seconds
(c) 22 seconds (d) 16 seconds
62. If $a : b = 3 : 4$ and $b : c = 6 : 7$, then $a : c$ is?
(a) 9 : 14 (b) 3 : 7
(c) 9 : 7 (d) 6 : 14
63. The compound interest on Rs. 6000 at 10% per annum for 2 years is?
(a) Rs. 1200 (b) Rs. 1260
(c) Rs. 1300 (d) Rs. 1240
64. A sum of money triples itself in 12 years at simple interest. The rate of interest is?
(a) 16.67% (b) 20%
(c) 15% (d) 25%
65. The average of 6 numbers is 30. If one number 20 is removed, the average of the rest is?
(a) 30 (b) 32
(c) 34 (d) 36

66. On a marked price of Rs. 1000, two successive discounts of 20% and 10% give a selling price of?
(a) Rs. 700 (b) Rs. 720
(c) Rs. 750 (d) Rs. 680
67. If 30% of 40% of a number is 60, the number is?
(a) 450 (b) 500
(c) 550 (d) 600
68. The HCF of 24, 36 and 60 is?
(a) 6 (b) 12
(c) 18 (d) 24
69. A shopkeeper marks goods 25% above cost and gives a 20% discount. His profit or loss percent is?
(a) No profit no loss (b) 5% loss
(c) 5% profit (d) 10% profit
70. A boat covers 12 km downstream in 2 hours and 12 km upstream in 3 hours. The speed of the stream is?
(a) 1 km/h (b) 2 km/h
(c) 1.5 km/h (d) 0.5 km/h
71. The difference between compound interest and simple interest on Rs. 8000 at 5% per annum for 2 years is?
(a) Rs. 15 (b) Rs. 20
(c) Rs. 25 (d) Rs. 30
72. What is 15% of 40% of 500?
(a) 25 (b) 30
(c) 35 (d) 20
73. The area of a square whose diagonal is 8 cm is?
(a) 16 sq cm (b) 32 sq cm
(c) 64 sq cm (d) 48 sq cm
74. The value of 4 raised to the power 4 is?
(a) 128 (b) 256
(c) 64 (d) 512
75. A man sells two horses at Rs. 990 each, gaining 10% on one and losing 10% on the other. His net loss is?
(a) Rs. 10 (b) Rs. 20
(c) Rs. 30 (d) No loss

76. The sum of two numbers is 20 and their difference is 4. The larger number is?
(a) 10 (b) 12
(c) 14 (d) 16
77. Find the next term: 3, 6, 12, 24, ?
(a) 36 (b) 48
(c) 42 (d) 40
78. Complete the analogy: Cardiology : Heart :: Nephrology : ?
(a) Liver (b) Kidney
(c) Lungs (d) Brain
79. If FRIEND is coded as GTLIRJ (each letter shifted by increasing steps 1,2,3...), then how is the last letter D coded? (Actually if FRIEND uses +1,+2,+3,+4,+5,+6) D becomes?
(a) J (b) I
(c) K (d) H
80. Find the odd one out.
(a) 8 (b) 27
(c) 64 (d) 100
81. A is the brother of B. C is the father of A. D is the sister of C. How is D related to B?
(a) Aunt (b) Mother
(c) Sister (d) Niece
82. A man walks 4 km east, turns left and walks 3 km, then turns left and walks 4 km. How far is he from the start?
(a) 3 km (b) 4 km
(c) 5 km (d) 11 km
83. Find the next letter: B, E, I, N, ?
(a) S (b) T
(c) R (d) U
84. In a code, if $5 \times 4 = 18$ and $7 \times 6 = 40$, then $9 \times 8 = ?$
(a) 70 (b) 72
(c) 74 (d) 68
85. Find the next number: 1, 2, 6, 24, ?
(a) 96 (b) 120
(c) 72 (d) 144

86. Complete the analogy: Herd : Cattle :: Swarm : ?

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| (a) Fish | (b) Bees |
| (c) Birds | (d) Wolves |

87. Find the odd one out.

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| (a) 2 | (b) 5 |
| (c) 7 | (d) 9 |

88. In a row of 40 students, a boy is 15th from the left. What is his position from the right?

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| (a) 25th | (b) 26th |
| (c) 24th | (d) 27th |

89. If '+' means '/', '/' means 'x', 'x' means '-', and '-' means '+', then $18 + 6 \times 2 - 4 = ?$

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| (a) 5 | (b) 6 |
| (c) 7 | (d) 3 |

90. Find the next term: 2, 4, 8, 16, 32, ?

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| (a) 48 | (b) 64 |
| (c) 60 | (d) 56 |

91. If 'A % B' means A is the son of B and 'A * B' means A is the wife of B, then in 'P % Q * R', how is R related to P?

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| (a) Father | (b) Mother |
| (c) Uncle | (d) Brother |

92. Find the missing number: 4, 16, 36, 64, ?

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| (a) 81 | (b) 100 |
| (c) 121 | (d) 144 |

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

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| (a) Rectangle | (b) Cube |
| (c) Triangle | (d) Cylinder |

94. Facing north-west, a person turns 135 degrees clockwise. Which direction is he now facing?

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

95. Find the next number: 1, 3, 7, 15, 31, ?

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| (a) 47 | (b) 63 |
| (c) 61 | (d) 62 |

96. Complete the analogy: Poem : Stanza :: Song : ?

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| (a) Tune | (b) Verse |
| (c) Note | (d) Lyric |

97. The reflex angle between the hands of a clock at 3 o'clock is?

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|-----------------|-----------------|
| (a) 90 degrees | (b) 270 degrees |
| (c) 180 degrees | (d) 240 degrees |

98. Find the odd one out.

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| (a) 16 | (b) 36 |
| (c) 49 | (d) 80 |

99. Complete the analogy: Optimist : Hopeful :: Pessimist : ?

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| (a) Cheerful | (b) Gloomy |
| (c) Confident | (d) Positive |

100. Find the next term: 6, 11, 21, 41, 81, ?

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| (a) 121 | (b) 161 |
| (c) 141 | (d) 162 |