

AFCAT 1 2015

AFCAT 1 2015 Practice Paper 01

1. Choose the synonym of 'AUGMENT'.
(a) Decrease (b) Increase
(c) Reduce (d) Lessen
2. Choose the antonym of 'CONCUR'.
(a) Agree (b) Disagree
(c) Consent (d) Approve
3. What does the idiom 'to jump on the bandwagon' mean?
(a) To ride a wagon (b) To join a popular activity or trend
(c) To fall down (d) To lead a parade
4. Choose the synonym of 'DEARTH'.
(a) Abundance (b) Scarcity
(c) Plenty (d) Excess
5. Choose the antonym of 'FEROCIOUS'.
(a) Fierce (b) Gentle
(c) Savage (d) Wild
6. Fill in the blank: He is amenable ____ reason.
(a) of (b) to
(c) for (d) with
7. One word for 'a person who studies birds'.
(a) Zoologist (b) Ornithologist
(c) Botanist (d) Entomologist
8. What does 'to read between the lines' mean?
(a) To read quickly (b) To grasp the hidden or implied meaning
(c) To skip lines (d) To write neatly
9. Choose the synonym of 'COVET'.
(a) Reject (b) Desire
(c) Dislike (d) Avoid
10. Choose the antonym of 'PROSPERITY'.
(a) Fortune (b) Adversity
(c) Wealth (d) Success

11. Choose the correctly spelt word.
- (a) Grammer (b) Grammar
(c) Gramar (d) Grammur
12. Fill in the blank: He is indispensable ____ the team.
- (a) for (b) to
(c) of (d) with
13. One word for 'the murder of one's own father'.
- (a) Fratricide (b) Patricide
(c) Regicide (d) Homicide
14. What does 'to spill the beans' mean?
- (a) To cook food (b) To reveal a secret
(c) To waste food (d) To hide something
15. Choose the synonym of 'PRUDENT'.
- (a) Foolish (b) Wise
(c) Reckless (d) Careless
16. Identify the part with an error: The scenery of the hills / are / very beautiful.
- (a) The scenery of the hills (b) are
(c) very beautiful (d) No error
17. Choose the antonym of 'MODEST'.
- (a) Humble (b) Arrogant
(c) Simple (d) Meek
18. Fill in the blank: He is akin ____ his brother in habits.
- (a) with (b) to
(c) of (d) for
19. One word for 'a person who studies the human mind and behaviour'.
- (a) Psychiatrist (b) Psychologist
(c) Neurologist (d) Physiologist
20. Choose the synonym of 'TERSE'.
- (a) Lengthy (b) Concise
(c) Wordy (d) Verbose
21. Choose the antonym of 'GENUINE'.
- (a) Real (b) Counterfeit
(c) Authentic (d) True

22. What does 'to keep one's word' mean?
- (a) To speak clearly (b) To fulfil a promise
(c) To remember something (d) To repeat words
23. Improve the sentence: He is more superior than his colleague.
- (a) superior to his colleague (b) more superior than his colleague
(c) superior than his colleague (d) No improvement
24. One word for 'a person who compiles a dictionary'.
- (a) Author (b) Lexicographer
(c) Editor (d) Linguist
25. Choose the synonym of 'VINDICATE'.
- (a) Blame (b) Justify
(c) Accuse (d) Condemn
26. Choose the antonym of 'LIBERAL'.
- (a) Generous (b) Conservative
(c) Broad-minded (d) Tolerant
27. Fill in the blank: He was absolved ____ the crime.
- (a) from (b) of
(c) with (d) for
28. One word for 'the study of the origin and evolution of the universe'.
- (a) Astronomy (b) Cosmology
(c) Geology (d) Ecology
29. The capital of Germany is?
- (a) Munich (b) Berlin
(c) Frankfurt (d) Hamburg
30. The Battle of Wandiwash (1760) established British supremacy over which European power in India?
- (a) The Dutch (b) The French
(c) The Portuguese (d) The Danish
31. The Harappan site of Dholavira is located in which state?
- (a) Rajasthan (b) Gujarat
(c) Punjab (d) Haryana

32. The famous rust-resistant Iron Pillar at Mehrauli dates from which period?

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| (a) Maurya | (b) Gupta |
| (c) Mughal | (d) Chola |

33. The chemical symbol for chlorine is?

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| (a) Ch | (b) Cl |
| (c) C | (d) Cr |

34. Which of the following vitamins is fat-soluble?

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| (a) Vitamin B | (b) Vitamin C |
| (c) Vitamin A | (d) Vitamin B12 |

35. Who wrote the novel 'Pride and Prejudice'?

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| (a) Charlotte Bronte | (b) Jane Austen |
| (c) Emily Bronte | (d) George Eliot |

36. The currency of Vietnam is?

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| (a) Baht | (b) Dong |
| (c) Kip | (d) Riel |

37. The SI unit of electrical resistance is?

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| (a) Volt | (b) Ohm |
| (c) Ampere | (d) Farad |

38. Ganymede, the largest moon in the solar system, orbits which planet?

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| (a) Saturn | (b) Jupiter |
| (c) Neptune | (d) Earth |

39. The Chalukyas of Badami were eventually defeated by which dynasty?

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| (a) Pallavas | (b) Rashtrakutas |
| (c) Cholas | (d) Pandyas |

40. The Ghadar Party was founded in which country?

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| (a) Britain | (b) USA |
| (c) Germany | (d) Canada |

41. INS Viraat, decommissioned in 2017, was a?

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| (a) Submarine | (b) Aircraft carrier |
| (c) Destroyer | (d) Frigate |

42. Pitt's India Act was passed in the year?

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| (a) 1773 | (b) 1784 |
| (c) 1793 | (d) 1813 |

43. The Right to Property was removed from the list of Fundamental Rights by which Amendment?
(a) 42nd Amendment (b) 44th Amendment
(c) 86th Amendment (d) 73rd Amendment
44. The Jelep La pass is located in which state?
(a) Himachal Pradesh (b) Sikkim
(c) Arunachal Pradesh (d) Uttarakhand
45. The SI unit of pressure is?
(a) Newton (b) Pascal
(c) Joule (d) Bar
46. The Second Battle of Panipat (1556) was fought between Akbar's forces and?
(a) Ibrahim Lodi (b) Hemu
(c) Rana Sanga (d) Sher Shah Suri
47. The city of Hyderabad is situated on the bank of which river?
(a) Krishna (b) Musi
(c) Godavari (d) Tungabhadra
48. Which is the largest bay in the world?
(a) Hudson Bay (b) Bay of Bengal
(c) Gulf of Mexico (d) Persian Gulf
49. The Bandipur National Park is located in which state?
(a) Kerala (b) Karnataka
(c) Tamil Nadu (d) Andhra Pradesh
50. The Cabinet Mission Plan (1946) proposed?
(a) Immediate independence (b) A federal union of provinces with a weak centre
(c) The partition of India (d) Continued dominion status
51. The SI unit of work is?
(a) Newton (b) Joule
(c) Watt (d) Pascal
52. The Sangama dynasty founded which empire?
(a) Bahmani (b) Vijayanagara
(c) Chola (d) Hoysala

53. The Khajuraho temples were built by the?
(a) Cholas (b) Chandelas
(c) Pallavas (d) Rashtrakutas
54. 'Operation Rakshak' is associated with counter-insurgency operations mainly in?
(a) Nagaland (b) Jammu and Kashmir
(c) Assam (d) Manipur
55. Which Indian state is the largest producer of coffee?
(a) Kerala (b) Karnataka
(c) Tamil Nadu (d) Andhra Pradesh
56. The value of 87.5% of 240 is?
(a) 200 (b) 210
(c) 220 (d) 190
57. The average of the first 8 natural numbers is?
(a) 4 (b) 4.5
(c) 5 (d) 5.5
58. An article costing Rs. 800 is sold for Rs. 1000. The profit percentage is?
(a) 20% (b) 25%
(c) 30% (d) 15%
59. A can do a work in 9 days and B in 18 days. Working together, they finish it in?
(a) 5 days (b) 6 days
(c) 7 days (d) 8 days
60. The square root of 5041 is?
(a) 69 (b) 71
(c) 73 (d) 67
61. A train 210 m long moving at 63 km/h crosses a pole in?
(a) 10 seconds (b) 12 seconds
(c) 14 seconds (d) 15 seconds
62. If $a : b = 2 : 5$ and $b : c = 10 : 11$, then $a : c$ is?
(a) 4 : 11 (b) 2 : 11
(c) 4 : 5 (d) 2 : 5
63. The compound interest on Rs. 10000 at 8% per annum for 2 years is?
(a) Rs. 1600 (b) Rs. 1664
(c) Rs. 1700 (d) Rs. 1640

64. A sum of money doubles itself in 12.5 years at simple interest. The rate of interest is?
(a) 8% (b) 10%
(c) 12% (d) 15%
65. The mean of 15 numbers is 12. If each number is increased by 4, the new mean is?
(a) 14 (b) 16
(c) 12 (d) 18
66. On a marked price of Rs. 3000, two successive discounts of 20% and 10% give a selling price of?
(a) Rs. 2160 (b) Rs. 2200
(c) Rs. 2100 (d) Rs. 2250
67. If 30% of 40% of a number is 48, the number is?
(a) 350 (b) 400
(c) 450 (d) 380
68. The LCM of 6, 9 and 12 is?
(a) 18 (b) 36
(c) 72 (d) 24
69. A shopkeeper marks goods 40% above cost and gives a 30% discount. His profit or loss percent is?
(a) 2% profit (b) 2% loss
(c) No profit no loss (d) 5% loss
70. A boat covers 21 km downstream in 3 hours and 21 km upstream in 7 hours. The speed of the boat in still water is?
(a) 4 km/h (b) 5 km/h
(c) 6 km/h (d) 7 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 40% of 30% of 500?
(a) 50 (b) 60
(c) 70 (d) 80
73. The area of a parallelogram with base 12 cm and height 7 cm is?
(a) 72 sq cm (b) 84 sq cm
(c) 96 sq cm (d) 80 sq cm

74. The value of 0.05×0.4 is?

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| (a) 0.2 | (b) 0.02 |
| (c) 0.002 | (d) 0.04 |

75. A man sells two articles at Rs. 960 each, gaining 20% on one and losing 20% on the other. His net result is?

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| (a) 4% loss | (b) 4% profit |
| (c) No loss no gain | (d) 8% loss |

76. The value of 7 raised to the power 3 is?

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| (a) 343 | (b) 243 |
| (c) 393 | (d) 323 |

77. The average of 6 consecutive even numbers is 25. The smallest of them is?

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| (a) 18 | (b) 20 |
| (c) 22 | (d) 24 |

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

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

79. Complete the analogy: Anthropology : Humans :: Zoology : ?

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| (a) Plants | (b) Animals |
| (c) Insects | (d) Birds |

80. If TIGER is coded as 20-9-7-5-18, then LION is coded as?

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|----------------|----------------|
| (a) 12-9-15-14 | (b) 12-9-14-15 |
| (c) 12-8-15-14 | (d) 11-9-15-14 |

81. Find the odd one out.

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| (a) 196 | (b) 256 |
| (c) 289 | (d) 320 |

82. Pointing to a boy, Meena said, 'He is the son of the only daughter of my father.' How is Meena related to the boy?

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

83. A man walks 10 m east, turns north and walks 24 m, then turns west and walks 10 m. How far is he from the start?

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| (a) 10 m | (b) 24 m |
| (c) 26 m | (d) 34 m |

84. Find the next letter: A, B, D, G, K, ?

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| (a) O | (b) P |
| (c) Q | (d) N |

85. In a code, 9 is written as 3, 16 as 4, and 25 as 5. Then 49 is written as?

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| (a) 6 | (b) 7 |
| (c) 8 | (d) 9 |

86. Find the next number: 3, 4, 8, 17, 33, ?

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| (a) 56 | (b) 58 |
| (c) 60 | (d) 54 |

87. Complete the analogy: Sculptor : Chisel :: Carpenter : ?

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| (a) Brush | (b) Saw |
| (c) Needle | (d) Trowel |

88. Find the odd one out.

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| (a) 17 | (b) 21 |
| (c) 23 | (d) 29 |

89. In a row, a person is 12th from the left and 18th from the right. How many people are in the row?

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| (a) 28 | (b) 29 |
| (c) 30 | (d) 27 |

90. If '+' means '-', '-' means '/', '/' means 'x', and 'x' means '+', then $16 - 8 / 2 + 4 = ?$

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| (a) 0 | (b) 2 |
| (c) 4 | (d) 6 |

91. Find the next term: 2, 4, 8, 16, 32, 64, ?

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| (a) 96 | (b) 128 |
| (c) 100 | (d) 120 |

92. If 'A x B' means A is the father of B and 'A + B' means A is the sister of B, then 'P x Q + R' means P is R's?

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

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

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

94. Complete the analogy: Nest : Bird :: Burrow : ?

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| (a) Bee | (b) Rabbit |
| (c) Fish | (d) Snake |

95. Facing north, a man turns 135 degrees clockwise. Which direction is he now facing?

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

96. Find the next number: 5, 6, 9, 14, 21, ?

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| (a) 28 | (b) 30 |
| (c) 32 | (d) 26 |

97. Complete the analogy: Second : Minute :: Minute : ?

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| (a) Day | (b) Hour |
| (c) Week | (d) Second |

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

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| (a) 60 degrees | (b) 90 degrees |
| (c) 120 degrees | (d) 45 degrees |

99. Find the next number: 1, 2, 6, 24, 120, ?

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| (a) 600 | (b) 720 |
| (c) 840 | (d) 480 |

100. Find the odd one out.

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| (a) 8 | (b) 27 |
| (c) 64 | (d) 100 |