

AFCAT 2 2013

AFCAT 2 2013 Practice Paper 02

1. Choose the synonym of 'VIGILANT'.
(a) Careless (b) Watchful
(c) Sleepy (d) Negligent
2. Choose the antonym of 'CRUDE'.
(a) Raw (b) Refined
(c) Rough (d) Coarse
3. What does the idiom 'to make both ends meet' mean?
(a) To join two ends (b) To manage within one's income
(c) To finish a task (d) To meet someone
4. Choose the synonym of 'AVID'.
(a) Indifferent (b) Keen
(c) Reluctant (d) Unwilling
5. Choose the antonym of 'HARMONY'.
(a) Accord (b) Discord
(c) Peace (d) Unity
6. Fill in the blank: He was deprived ____ his rights.
(a) from (b) of
(c) with (d) for
7. One word for 'a person who studies fish'.
(a) Ornithologist (b) Ichthyologist
(c) Entomologist (d) Herpetologist
8. What does 'to have one's hands full' mean?
(a) To hold many things (b) To be very busy
(c) To be free (d) To carry a load
9. Choose the synonym of 'RESOLVE'.
(a) Doubt (b) Determination
(c) Weakness (d) Hesitation
10. Choose the antonym of 'ABUNDANCE'.
(a) Plenty (b) Scarcity
(c) Surplus (d) Excess

11. Choose the correctly spelt word.
- (a) Priviledge (b) Privilege
(c) Privelege (d) Privilage
12. Fill in the blank: He was absorbed ____ his studies.
- (a) on (b) in
(c) at (d) with
13. One word for 'a person who studies ancient civilizations through their remains'.
- (a) Historian (b) Archaeologist
(c) Geologist (d) Anthropologist
14. What does 'to break new ground' mean?
- (a) To dig soil (b) To do something innovative
(c) To start walking (d) To plough a field
15. Choose the synonym of 'AMPLE'.
- (a) Scarce (b) Plentiful
(c) Meagre (d) Scanty
16. Identify the part with an error: Neither he nor his friends / was / invited.
- (a) Neither he nor his friends (b) was
(c) invited (d) No error
17. Choose the antonym of 'INFERIOR'.
- (a) Lower (b) Superior
(c) Lesser (d) Poor
18. Fill in the blank: He is famous ____ his honesty.
- (a) of (b) for
(c) with (d) by
19. One word for 'one who does not believe in the existence of God'.
- (a) Theist (b) Atheist
(c) Agnostic (d) Pagan
20. Choose the synonym of 'EMINENT'.
- (a) Ordinary (b) Distinguished
(c) Unknown (d) Common
21. Choose the antonym of 'PRAISE'.
- (a) Applaud (b) Criticise
(c) Admire (d) Compliment

22. What does 'to be all ears' mean?
- (a) To hear noise (b) To listen attentively
(c) To ignore (d) To speak a lot
23. Improve the sentence: He is taller than any boy in the class.
- (a) any other boy (b) any boy
(c) all boys (d) No improvement
24. One word for 'a person who abstains from eating meat'.
- (a) Herbivore (b) Vegetarian
(c) Carnivore (d) Omnivore
25. Choose the synonym of 'RECTIFY'.
- (a) Spoil (b) Correct
(c) Damage (d) Worsen
26. Choose the antonym of 'GATHER'.
- (a) Collect (b) Scatter
(c) Assemble (d) Accumulate
27. Fill in the blank: He was cured ____ his illness.
- (a) from (b) of
(c) with (d) for
28. One word for 'the branch of science dealing with animals'.
- (a) Botany (b) Zoology
(c) Ecology (d) Biology
29. The capital of Japan is?
- (a) Osaka (b) Tokyo
(c) Kyoto (d) Nagoya
30. The Battle of Hydaspes (326 BC) was fought between Alexander the Great and?
- (a) Chandragupta Maurya (b) Porus
(c) Ambhi (d) Dhana Nanda
31. The Harappan site of Ropar is located in which state?
- (a) Gujarat (b) Punjab
(c) Rajasthan (d) Haryana
32. The Mathura school of art developed mainly under which dynasty?
- (a) Mauryas (b) Kushanas
(c) Guptas (d) Cholas

33. The chemical symbol for potassium is?
(a) P (b) K
(c) Po (d) Pt
34. Which vitamin is also known as riboflavin?
(a) Vitamin B1 (b) Vitamin B2
(c) Vitamin C (d) Vitamin D
35. Who wrote the epic poem 'Paradise Lost'?
(a) William Shakespeare (b) John Milton
(c) Geoffrey Chaucer (d) Edmund Spenser
36. The currency of South Africa is?
(a) Dollar (b) Rand
(c) Pound (d) Franc
37. The SI unit of electrical resistance is?
(a) Volt (b) Ohm
(c) Ampere (d) Farad
38. The reddish colour of the planet Mars is mainly due to the presence of?
(a) Sulphur (b) Iron oxide
(c) Carbon (d) Methane
39. The ruler Harshavardhana shifted his capital to?
(a) Pataliputra (b) Kannauj
(c) Ujjain (d) Delhi
40. The Brahmo Samaj was founded by?
(a) Swami Dayananda (b) Raja Ram Mohan Roy
(c) Swami Vivekananda (d) Keshab Chandra Sen
41. INS Vikramaditya, commissioned in 2013, is a?
(a) Submarine (b) Aircraft carrier
(c) Destroyer (d) Frigate
42. The Montagu-Chelmsford Reforms (1919) introduced?
(a) Separate electorates (b) Dyarchy in the provinces
(c) Provincial autonomy (d) Federalism
43. How many Fundamental Rights are there in the Indian Constitution at present?
(a) 5 (b) 6
(c) 7 (d) 8

44. The Rohtang Pass is located in which state?

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| (a) Jammu and Kashmir | (b) Himachal Pradesh |
| (c) Uttarakhand | (d) Sikkim |

45. The SI unit of pressure is?

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| (a) Newton | (b) Pascal |
| (c) Joule | (d) Bar |

46. At the Battle of Buxar (1764), the British defeated the combined forces of Mir Qasim, the Nawab of Awadh and?

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| (a) The Marathas | (b) The Mughal Emperor |
| (c) The Sikhs | (d) The French |

47. The city of Varanasi is situated on the bank of which river?

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| (a) Yamuna | (b) Ganga |
| (c) Gomti | (d) Son |

48. Which is the largest hot desert in the world?

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| (a) Gobi | (b) Sahara |
| (c) Thar | (d) Kalahari |

49. The Periyar National Park is located in which state?

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| (a) Karnataka | (b) Kerala |
| (c) Tamil Nadu | (d) Andhra Pradesh |

50. The Lucknow Pact (1916) was signed between the Congress and?

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| (a) The British | (b) The Muslim League |
| (c) The Hindu Mahasabha | (d) The Sikhs |

51. The SI unit of work is?

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

52. The Gupta ruler who adopted the title 'Vikramaditya' was?

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| (a) Samudragupta | (b) Chandragupta II |
| (c) Skandagupta | (d) Kumaragupta |

53. The Brihadeeswara Temple at Thanjavur was built by?

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| (a) Rajendra Chola | (b) Rajaraja Chola I |
| (c) Kulottunga | (d) Vijayalaya |

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 cotton?
(a) Maharashtra (b) Gujarat
(c) Punjab (d) Haryana
56. The value of 62.5% of 480 is?
(a) 280 (b) 300
(c) 320 (d) 290
57. The average of the first 7 natural numbers is?
(a) 3.5 (b) 4
(c) 4.5 (d) 5
58. An article costing Rs. 800 is sold for Rs. 920. The profit percentage is?
(a) 12% (b) 15%
(c) 18% (d) 20%
59. A can do a work in 18 days and B in 9 days. Working together, they finish it in?
(a) 5 days (b) 6 days
(c) 7 days (d) 8 days
60. The square root of 10609 is?
(a) 101 (b) 103
(c) 105 (d) 99
61. A train 300 m long moving at 54 km/h crosses a pole in?
(a) 18 seconds (b) 20 seconds
(c) 22 seconds (d) 16 seconds
62. If $a : b = 5 : 6$ and $b : c = 12 : 13$, then $a : c$ is?
(a) 10 : 13 (b) 5 : 13
(c) 10 : 6 (d) 5 : 6
63. The compound interest on Rs. 4000 at 10% per annum for 3 years is?
(a) Rs. 1200 (b) Rs. 1324
(c) Rs. 1300 (d) Rs. 1320
64. A sum of money triples itself in 16 years at simple interest. The rate of interest is?
(a) 10% (b) 12.5%
(c) 15% (d) 8%

65. The mean of 12 numbers is 25. If each number is multiplied by 2, the new mean is?
(a) 40 (b) 50
(c) 25 (d) 60
66. On a marked price of Rs. 3000, two successive discounts of 20% and 25% give a selling price of?
(a) Rs. 1800 (b) Rs. 1900
(c) Rs. 1750 (d) Rs. 1850
67. If 30% of 50% of a number is 45, the number is?
(a) 250 (b) 300
(c) 320 (d) 350
68. The LCM of 8, 14 and 20 is?
(a) 140 (b) 280
(c) 560 (d) 120
69. A shopkeeper marks goods 25% above cost and gives a 12% discount. His profit percent is?
(a) 10% (b) 12%
(c) 13% (d) 8%
70. A boat covers 27 km downstream in 3 hours and 27 km upstream in 9 hours. The speed of the boat in still water is?
(a) 5 km/h (b) 6 km/h
(c) 7 km/h (d) 8 km/h
71. The difference between compound interest and simple interest on Rs. 6000 at 5% per annum for 2 years is?
(a) Rs. 10 (b) Rs. 15
(c) Rs. 20 (d) Rs. 25
72. What is 20% of 40% of 500?
(a) 30 (b) 40
(c) 50 (d) 60
73. The area of a circle whose radius is 7 cm (take $\pi = \frac{22}{7}$) is?
(a) 144 sq cm (b) 154 sq cm
(c) 176 sq cm (d) 196 sq cm
74. The value of 0.02×0.7 is?
(a) 0.14 (b) 0.014
(c) 0.0014 (d) 0.02

75. A man sells two articles at Rs. 600 each, gaining 20% on one and losing 20% on the other. His net result is?

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

76. The value of 5 raised to the power 3 is?

- (a) 100
- (b) 125
- (c) 150
- (d) 75

77. The average of 5 consecutive multiples of 4 is 20. The largest of them is?

- (a) 24
- (b) 28
- (c) 32
- (d) 20

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

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

79. Complete the analogy: Cartography : Maps :: Choreography : ?

- (a) Music
- (b) Dance
- (c) Poetry
- (d) Painting

80. If STAR is coded as 19-20-1-18, then MOON is coded as?

- (a) 13-15-15-14
- (b) 13-15-14-15
- (c) 13-14-15-14
- (d) 12-15-15-14

81. Find the odd one out.

- (a) 196
- (b) 256
- (c) 324
- (d) 350

82. Pointing to a girl, Rahul said, 'She is the daughter of the only son of my father.' How is the girl related to Rahul?

- (a) Daughter
- (b) Sister
- (c) Niece
- (d) Cousin

83. A man walks 8 m east and then 6 m north. How far is he from the starting point?

- (a) 8 m
- (b) 10 m
- (c) 14 m
- (d) 6 m

84. Find the next letter: D, F, I, M, R, ?

- (a) W
- (b) X
- (c) Y
- (d) V

85. In a code, 2 is written as 8, 3 as 27, and 4 as 64. Then 5 is written as?

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| (a) 100 | (b) 125 |
| (c) 150 | (d) 75 |

86. Find the next number: 1, 2, 4, 8, 16, ?

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| (a) 24 | (b) 32 |
| (c) 30 | (d) 28 |

87. Complete the analogy: Teacher : School :: Lawyer : ?

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| (a) Office | (b) Court |
| (c) Hospital | (d) Shop |

88. Find the odd one out.

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| (a) 19 | (b) 23 |
| (c) 29 | (d) 33 |

89. In a row of 40 students, a boy is 12th from the left. What is his position from the right?

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

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

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

91. Find the next term: 2, 5, 9, 14, 20, ?

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| (a) 25 | (b) 27 |
| (c) 29 | (d) 26 |

92. If 'A - B' means A is the wife of B and 'A + B' means A is the son of B, then 'P + Q - R' means P is R's?

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| (a) Son | (b) Nephew |
| (c) Brother | (d) Grandson |

93. Find the missing number: 4, 7, 12, 19, 28, ?

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| (a) 37 | (b) 39 |
| (c) 41 | (d) 40 |

94. Complete the analogy: Puppy : Dog :: Kitten : ?

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| (a) Lion | (b) Cat |
| (c) Cow | (d) Horse |

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

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

96. Find the next number: 3, 4, 8, 17, 33, 58, ?

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| (a) 90 | (b) 94 |
| (c) 96 | (d) 92 |

97. Complete the analogy: Day : Week :: Month : ?

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| (a) Decade | (b) Year |
| (c) Century | (d) Hour |

98. The angle between the hands of a clock at 10 o'clock is?

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| (a) 60 degrees | (b) 90 degrees |
| (c) 120 degrees | (d) 150 degrees |

99. Find the next term: 1, 3, 9, 27, 81, ?

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| (a) 162 | (b) 243 |
| (c) 216 | (d) 200 |

100. Find the odd one out.

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| (a) 1 | (b) 8 |
| (c) 27 | (d) 50 |