

AFCAT 1 2016

AFCAT 1 2016 Practice Paper 01

1. Choose the synonym of 'CACOPHONY'.
(a) Harmony (b) Discord
(c) Melody (d) Silence
2. Choose the antonym of 'BENEVOLENT'.
(a) Kind (b) Malevolent
(c) Generous (d) Gracious
3. What does the idiom 'to throw in the towel' mean?
(a) To clean up (b) To give up
(c) To win easily (d) To wash
4. Choose the synonym of 'INTREPID'.
(a) Timid (b) Fearless
(c) Cowardly (d) Nervous
5. Choose the antonym of 'LUCID'.
(a) Clear (b) Obscure
(c) Plain (d) Evident
6. Fill in the blank: He is desirous ____ promotion.
(a) for (b) of
(c) to (d) with
7. One word for 'an organism that lives on or in another and feeds off it'.
(a) Host (b) Parasite
(c) Predator (d) Scavenger
8. What does 'to be at sixes and sevens' mean?
(a) Well organised (b) In a state of confusion
(c) Very happy (d) Fully ready
9. Choose the synonym of 'ABHOR'.
(a) Love (b) Hate
(c) Like (d) Admire
10. Choose the antonym of 'MELANCHOLY'.
(a) Sad (b) Cheerful
(c) Gloomy (d) Depressed

11. Choose the correctly spelt word.
- | | |
|----------------|---------------|
| (a) Existence | (b) Existance |
| (c) Exsistence | (d) Existense |
12. Fill in the blank: He was oblivious ____ the noise.
- | | |
|----------|----------|
| (a) of | (b) to |
| (c) from | (d) with |
13. One word for 'a home for children without parents'.
- | | |
|------------|---------------|
| (a) Hostel | (b) Orphanage |
| (c) Asylum | (d) Shelter |
14. What does 'to make hay while the sun shines' mean?
- | | |
|----------------------------|--|
| (a) To farm land | (b) To make the most of an opportunity |
| (c) To rest during the day | (d) To dry grass |
15. Choose the synonym of 'DEBILITATE'.
- | | |
|----------------|-------------|
| (a) Strengthen | (b) Weaken |
| (c) Empower | (d) Fortify |
16. Identify the part with an error: The committee / have / decided / unanimously.
- | | |
|-------------------|--------------|
| (a) The committee | (b) have |
| (c) decided | (d) No error |
17. Choose the antonym of 'CANDID'.
- | | |
|------------|-------------|
| (a) Frank | (b) Evasive |
| (c) Honest | (d) Open |
18. Fill in the blank: He aspires ____ a career in aviation.
- | | |
|---------|--------|
| (a) for | (b) to |
| (c) at | (d) of |
19. One word for 'that which can be heard'.
- | | |
|-------------|-------------|
| (a) Visible | (b) Audible |
| (c) Edible | (d) Legible |
20. Choose the synonym of 'PARSIMONIOUS'.
- | | |
|--------------|-----------------|
| (a) Generous | (b) Stingy |
| (c) Lavish | (d) Extravagant |
21. Choose the antonym of 'INNOCENT'.
- | | |
|---------------|------------|
| (a) Blameless | (b) Guilty |
| (c) Pure | (d) Naive |

22. What does 'to have a bone to pick' mean?
- (a) To eat a meal (b) To have a cause for dispute
(c) To help someone (d) To argue happily
23. Improve the sentence: He is junior than me.
- (a) junior to me (b) junior than me
(c) more junior than me (d) No improvement
24. One word for 'a person recovering from illness'.
- (a) Patient (b) Convalescent
(c) Invalid (d) Physician
25. Choose the synonym of 'ELUCIDATE'.
- (a) Confuse (b) Explain
(c) Obscure (d) Complicate
26. Choose the antonym of 'FERTILE'.
- (a) Productive (b) Barren
(c) Fruitful (d) Rich
27. Fill in the blank: He was charged ____ corruption.
- (a) of (b) with
(c) for (d) by
28. One word for 'a system of government by religious leaders'.
- (a) Democracy (b) Theocracy
(c) Autocracy (d) Bureaucracy
29. The capital of Spain is?
- (a) Barcelona (b) Madrid
(c) Seville (d) Valencia
30. The 'Permanent Settlement' of 1793 was introduced mainly in which region?
- (a) Madras (b) Bengal
(c) Bombay (d) Punjab
31. The Indus Valley site of Lothal is famous as a?
- (a) Fort city (b) Port with a dockyard
(c) Temple town (d) Royal capital
32. The ruins of Nagarjunakonda are associated with which religion?
- (a) Jainism (b) Buddhism
(c) Hinduism (d) Sikhism

33. The chemical symbol for zinc is?
(a) Zi (b) Zn
(c) Zc (d) Zo
34. Deficiency of which vitamin causes beriberi?
(a) Vitamin A (b) Vitamin B1
(c) Vitamin C (d) Vitamin D
35. Who wrote the novel 'War and Peace'?
(a) Fyodor Dostoevsky (b) Leo Tolstoy
(c) Ivan Turgenev (d) Maxim Gorky
36. The currency of Egypt is?
(a) Dinar (b) Pound
(c) Dirham (d) Riyal
37. The SI unit of electric potential is?
(a) Ampere (b) Volt
(c) Ohm (d) Watt
38. The Great Red Spot on Jupiter is a?
(a) Large crater (b) Giant storm
(c) Volcano (d) Frozen sea
39. Which Chola king led naval expeditions to Southeast Asia?
(a) Rajaraja Chola I (b) Rajendra Chola I
(c) Kulottunga I (d) Vijayalaya
40. The 'Lucknow Pact' (1916) was signed between the Congress and the?
(a) British (b) Muslim League
(c) Hindu Mahasabha (d) Swaraj Party
41. INS Delhi is a?
(a) Submarine (b) Guided-missile destroyer
(c) Aircraft carrier (d) Frigate
42. The Fundamental Duties were added to the Constitution by which Amendment?
(a) 42nd Amendment (b) 44th Amendment
(c) 73rd Amendment (d) 86th Amendment
43. The Zoji La pass connects Srinagar with?
(a) Jammu (b) Leh
(c) Manali (d) Shimla

44. The SI unit of energy is?
(a) Newton (b) Joule
(c) Watt (d) Pascal
45. The Battle of Khanwa (1527) was fought between Babur and?
(a) Ibrahim Lodi (b) Rana Sanga
(c) Sher Shah Suri (d) Hemu
46. The city of Kanpur is situated on the bank of which river?
(a) Yamuna (b) Ganga
(c) Gomti (d) Betwa
47. Which is the smallest ocean in the world?
(a) Indian Ocean (b) Arctic Ocean
(c) Atlantic Ocean (d) Southern Ocean
48. The Manas National Park is located in which state?
(a) West Bengal (b) Assam
(c) Odisha (d) Bihar
49. The 'Poona Pact' (1932) dealt with representation for the?
(a) Muslims (b) Depressed Classes
(c) Sikhs (d) Christians
50. The SI unit of power is?
(a) Joule (b) Watt
(c) Newton (d) Ampere
51. The Battle of Talikota (1565) led to the fall of which empire?
(a) Bahmani Kingdom (b) Vijayanagara Empire
(c) Chola Empire (d) Maratha Empire
52. The Ajanta caves are famous for their?
(a) Jain sculptures (b) Buddhist paintings
(c) Hindu carvings (d) Rock edicts
53. 'Operation Steeplechase' (1971) was launched by India against?
(a) Insurgents in Nagaland (b) Naxalites
(c) Kashmir militants (d) Pakistan
54. Which Indian state is the largest producer of jute?
(a) Bihar (b) West Bengal
(c) Assam (d) Odisha

55. The value of 87.5% of 320 is?
(a) 270 (b) 280
(c) 290 (d) 260
56. The average of the first 9 odd numbers is?
(a) 8 (b) 9
(c) 10 (d) 11
57. An article costing Rs. 720 is sold for Rs. 900. The profit percentage is?
(a) 20% (b) 25%
(c) 30% (d) 15%
58. A can do a work in 8 days and B in 12 days. Working together, they finish it in?
(a) 4.8 days (b) 5 days
(c) 6 days (d) 4 days
59. The square root of 3136 is?
(a) 54 (b) 56
(c) 58 (d) 52
60. A train 180 m long moving at 54 km/h crosses a pole in?
(a) 10 seconds (b) 12 seconds
(c) 14 seconds (d) 15 seconds
61. If $a : b = 4 : 5$ and $b : c = 3 : 4$, then $a : c$ is?
(a) 3 : 5 (b) 4 : 4
(c) 12 : 5 (d) 3 : 4
62. The compound interest on Rs. 5000 at 12% per annum for 2 years is?
(a) Rs. 1200 (b) Rs. 1272
(c) Rs. 1250 (d) Rs. 1300
63. A sum of money triples itself in 20 years at simple interest. The rate of interest is?
(a) 8% (b) 10%
(c) 12% (d) 15%
64. The mean of 10 numbers is 25. If each number is multiplied by 3, the new mean is?
(a) 50 (b) 75
(c) 25 (d) 100
65. On a marked price of Rs. 1600, two successive discounts of 25% and 20% give a selling price of?
(a) Rs. 960 (b) Rs. 1000
(c) Rs. 940 (d) Rs. 980

66. If 20% of 50% of a number is 40, the number is?
(a) 350 (b) 400
(c) 450 (d) 380
67. The LCM of 8, 12 and 18 is?
(a) 36 (b) 72
(c) 144 (d) 108
68. 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% profit
(c) 10% profit (d) 2% loss
69. A boat covers 20 km downstream in 2 hours and 20 km upstream in 5 hours. The speed of the boat in still water is?
(a) 6 km/h (b) 7 km/h
(c) 8 km/h (d) 5 km/h
70. The difference between compound interest and simple interest on Rs. 6000 at 10% per annum for 2 years is?
(a) Rs. 50 (b) Rs. 60
(c) Rs. 70 (d) Rs. 55
71. What is 30% of 25% of 400?
(a) 25 (b) 30
(c) 35 (d) 40
72. The area of a right-angled triangle whose two perpendicular sides are 6 cm and 8 cm is?
(a) 24 sq cm (b) 48 sq cm
(c) 20 sq cm (d) 30 sq cm
73. The value of 0.06×0.5 is?
(a) 0.3 (b) 0.03
(c) 0.003 (d) 0.06
74. A man sells two watches at Rs. 1200 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
75. The value of 5 raised to the power 4 is?
(a) 525 (b) 625
(c) 125 (d) 725

76. The average of 7 consecutive numbers is 20. The largest of them is?

- | | |
|--------|--------|
| (a) 22 | (b) 23 |
| (c) 24 | (d) 21 |

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

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

78. Complete the analogy: Pathology : Disease :: Geology : ?

- | | |
|------------|-------------|
| (a) Plants | (b) Rocks |
| (c) Stars | (d) Fossils |

79. If LONDON is coded as 12-15-14-4-15-14, then PARIS is coded as?

- | | |
|------------------|------------------|
| (a) 16-1-18-9-19 | (b) 16-1-18-8-19 |
| (c) 16-2-18-9-19 | (d) 16-1-17-9-19 |

80. Find the odd one out.

- | | |
|---------|---------|
| (a) 144 | (b) 196 |
| (c) 225 | (d) 250 |

81. Pointing to a photograph, a man said, 'I have no brother or sister, but that man's father is my father's son.' Whose photograph is it?

- | | |
|-------------|----------------|
| (a) His son | (b) His father |
| (c) Himself | (d) His nephew |

82. A man walks 8 m south, turns west and walks 15 m, then turns north and walks 8 m. How far is he from the start?

- | | |
|----------|----------|
| (a) 8 m | (b) 15 m |
| (c) 17 m | (d) 23 m |

83. Find the next letter: B, D, H, N, ?

- | | |
|-------|-------|
| (a) T | (b) V |
| (c) U | (d) W |

84. In a code, 8 is written as 4, 12 as 6, and 20 as 10. Then 30 is written as?

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

85. Find the next number: 2, 5, 11, 23, 47, ?

- | | |
|--------|--------|
| (a) 93 | (b) 94 |
| (c) 95 | (d) 96 |

86. Complete the analogy: Oasis : Desert :: Island : ?

- | | |
|------------|--------------|
| (a) River | (b) Ocean |
| (c) Forest | (d) Mountain |

87. Find the odd one out.

- | | |
|--------|--------|
| (a) 13 | (b) 19 |
| (c) 25 | (d) 31 |

88. In a queue, a person is 15th from the front and 20th from the back. How many people are in the queue?

- | | |
|--------|--------|
| (a) 33 | (b) 34 |
| (c) 35 | (d) 36 |

89. If '+' means 'x', '-' means '+', 'x' means '-', and '/' means '+', then $8 \times 4 + 2 - 6 = ?$

- | | |
|--------|-------|
| (a) 6 | (b) 8 |
| (c) 10 | (d) 4 |

90. Find the next term: 1, 4, 9, 16, 25, 36, ?

- | | |
|--------|--------|
| (a) 42 | (b) 49 |
| (c) 45 | (d) 48 |

91. A is the sister of B. C is the mother of A. D is the father of C. How is B related to D?

- | | |
|----------------|-------------------|
| (a) Grandson | (b) Granddaughter |
| (c) Grandchild | (d) Son |

92. Find the missing number: 5, 11, 23, 47, 95, ?

- | | |
|---------|---------|
| (a) 190 | (b) 191 |
| (c) 189 | (d) 192 |

93. Complete the analogy: Kennel : Dog :: Sty : ?

- | | |
|-----------|-----------|
| (a) Horse | (b) Pig |
| (c) Cow | (d) Sheep |

94. Facing east, a man turns 225 degrees clockwise. Which direction is he now facing?

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

95. Find the next term: 6, 13, 27, 55, ?

- | | |
|---------|---------|
| (a) 110 | (b) 111 |
| (c) 109 | (d) 112 |

96. Complete the analogy: Verse : Poem :: Chapter : ?

- | | |
|-----------|----------|
| (a) Novel | (b) Book |
| (c) Story | (d) Page |

97. The angle between the hands of a clock at 2 o'clock is?

- | | |
|----------------|-----------------|
| (a) 30 degrees | (b) 60 degrees |
| (c) 90 degrees | (d) 120 degrees |

98. Find the next term: 100, 81, 64, 49, 36, ?

- | | |
|--------|--------|
| (a) 30 | (b) 25 |
| (c) 20 | (d) 16 |

99. Find the odd one out.

- | | |
|---------|---------|
| (a) 27 | (b) 64 |
| (c) 125 | (d) 180 |

100. Find the next number: 7, 10, 16, 25, 37, ?

- | | |
|--------|--------|
| (a) 50 | (b) 52 |
| (c) 54 | (d) 48 |