

AFCAT 2 2014

AFCAT 2 2014 Practice Paper 01

1. Choose the synonym of 'ARDENT'.
(a) Cold (b) Passionate
(c) Indifferent (d) Apathetic
2. Choose the antonym of 'FLEXIBLE'.
(a) Pliable (b) Rigid
(c) Elastic (d) Supple
3. What does the idiom 'to keep the ball rolling' mean?
(a) To play a game (b) To keep an activity or conversation going
(c) To stop working (d) To rest
4. Choose the synonym of 'OBSTINATE'.
(a) Yielding (b) Stubborn
(c) Flexible (d) Gentle
5. Choose the antonym of 'COMPLEX'.
(a) Complicated (b) Simple
(c) Intricate (d) Involved
6. Fill in the blank: He is guilty ____ theft.
(a) with (b) of
(c) for (d) by
7. One word for 'a person who makes and sells spectacles'.
(a) Optician (b) Dentist
(c) Surgeon (d) Chemist
8. What does 'to leave someone in the lurch' mean?
(a) To help someone (b) To abandon someone in a difficult situation
(c) To follow someone (d) To guide someone
9. Choose the synonym of 'FRAIL'.
(a) Strong (b) Weak
(c) Sturdy (d) Tough
10. Choose the antonym of 'ACCELERATE'.
(a) Hasten (b) Decelerate
(c) Quicken (d) Speed up

11. Choose the correctly spelt word.
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| (a) Recomend | (b) Recommend |
| (c) Recommand | (d) Reccomend |
12. Fill in the blank: He is answerable ____ his superiors.
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| (a) for | (b) to |
| (c) of | (d) with |
13. One word for 'that which cannot be seen'.
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|---------------|----------------|
| (a) Illegible | (b) Invisible |
| (c) Inaudible | (d) Invincible |
14. What does 'to be a fish out of water' mean?
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| (a) To swim well | (b) To feel uncomfortable or out of place |
| (c) To drown | (d) To be very happy |
15. Choose the synonym of 'GENIAL'.
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|-------------|--------------|
| (a) Hostile | (b) Friendly |
| (c) Cold | (d) Rude |
16. Identify the part with an error: One of the students / have / failed.
- | | |
|-------------------------|--------------|
| (a) One of the students | (b) have |
| (c) failed | (d) No error |
17. Choose the antonym of 'ASCEND'.
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| (a) Rise | (b) Descend |
| (c) Climb | (d) Mount |
18. Fill in the blank: He is entitled ____ a pension.
- | | |
|---------|----------|
| (a) for | (b) to |
| (c) of | (d) with |
19. One word for 'the scientific study of the weather'.
- | | |
|---------------|-----------------|
| (a) Geology | (b) Meteorology |
| (c) Astronomy | (d) Ecology |
20. Choose the synonym of 'CANDID'.
- | | |
|---------------|-------------|
| (a) Secretive | (b) Frank |
| (c) Sly | (d) Cunning |
21. Choose the antonym of 'ABSOLVE'.
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|------------|---------------|
| (a) Acquit | (b) Convict |
| (c) Pardon | (d) Exonerate |

22. What does 'to pay through the nose' mean?
- (a) To sneeze (b) To pay an excessively high price
(c) To breathe hard (d) To save money
23. Improve the sentence: Each boy and each girl were present.
- (a) was present (b) were present
(c) are present (d) No improvement
24. One word for 'a person authorised to act on behalf of another'.
- (a) Trustee (b) Agent
(c) Executor (d) Guardian
25. Choose the synonym of 'DEXTEROUS'.
- (a) Clumsy (b) Skilful
(c) Awkward (d) Careless
26. Choose the antonym of 'TRANSPARENT'.
- (a) Clear (b) Opaque
(c) Lucid (d) Glassy
27. Fill in the blank: He is notorious ____ his cruelty.
- (a) of (b) for
(c) with (d) by
28. One word for 'the deliberate killing of a large group of a particular race'.
- (a) Homicide (b) Genocide
(c) Regicide (d) Fratricide
29. The capital of Russia is?
- (a) Kiev (b) Moscow
(c) St. Petersburg (d) Minsk
30. The Battle of Talikota (1565) led to the fall of which empire?
- (a) Bahmani Kingdom (b) Vijayanagara Empire
(c) Chola Empire (d) Maratha Empire
31. The Harappan site of Surkotada is located in which state?
- (a) Rajasthan (b) Gujarat
(c) Punjab (d) Haryana
32. The Gandhara school of art developed mainly under which dynasty?
- (a) Mauryas (b) Kushanas
(c) Guptas (d) Cholas

33. The chemical symbol for manganese is?

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| (a) Ma | (b) Mn |
| (c) Mg | (d) Mc |

34. Deficiency of which vitamin causes scurvy?

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| (a) Vitamin A | (b) Vitamin C |
| (c) Vitamin D | (d) Vitamin K |

35. Who wrote the novel 'The Old Man and the Sea'?

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| (a) John Steinbeck | (b) Ernest Hemingway |
| (c) Mark Twain | (d) William Faulkner |

36. The currency of the Philippines is?

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| (a) Baht | (b) Peso |
| (c) Ringgit | (d) Rupiah |

37. The SI unit of magnetic flux is?

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| (a) Tesla | (b) Weber |
| (c) Henry | (d) Gauss |

38. Which planet is known as the 'Morning Star'?

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| (a) Mars | (b) Venus |
| (c) Mercury | (d) Jupiter |

39. The Pandya dynasty had its capital at?

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| (a) Kanchipuram | (b) Madurai |
| (c) Thanjavur | (d) Warangal |

40. The All India Muslim League was founded in the year?

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| (a) 1885 | (b) 1906 |
| (c) 1916 | (d) 1920 |

41. INS Kochi is a?

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| (a) Submarine | (b) Guided-missile destroyer |
| (c) Frigate | (d) Aircraft carrier |

42. The Government of India Act 1935 provided for?

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| (a) Complete independence | (b) Provincial autonomy |
| (c) The partition of India | (d) Dominion status immediately |

43. The Directive Principles of State Policy in the Indian Constitution are borrowed from which country?

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|--------------------|------------------------------|
| (a) United Kingdom | (b) United States of America |
| (c) Ireland | (d) Canada |

44. The Lipulekh Pass is located in which state?
(a) Sikkim (b) Uttarakhand
(c) Himachal Pradesh (d) Arunachal Pradesh
45. The SI unit of energy is?
(a) Newton (b) Joule
(c) Watt (d) Pascal
46. The First Battle of Panipat (1526) was won by?
(a) Akbar (b) Babur
(c) Humayun (d) Sher Shah Suri
47. The city of Kolkata is situated on the bank of which river?
(a) Ganga (b) Hooghly
(c) Damodar (d) Mahanadi
48. Which is the largest river island in the world?
(a) Divar (b) Majuli
(c) Munroe (d) Sriharikota
49. The Sariska Tiger Reserve is located in which state?
(a) Madhya Pradesh (b) Rajasthan
(c) Gujarat (d) Maharashtra
50. The Quit India Movement (1942) was launched from which city?
(a) Lahore (b) Bombay
(c) Calcutta (d) Madras
51. The SI unit of power is?
(a) Joule (b) Watt
(c) Newton (d) Ampere
52. The Chola dynasty reached its peak under which rulers?
(a) Vijayalaya and Aditya (b) Rajaraja I and Rajendra I
(c) Kulottunga alone (d) Parantaka alone
53. The rock-cut caves of Elephanta are dedicated mainly to which deity?
(a) Vishnu (b) Shiva
(c) Buddha (d) Brahma
54. 'Operation Blue Star' was carried out in the year?
(a) 1975 (b) 1984
(c) 1990 (d) 1971

55. Which Indian state is the largest producer of tobacco?
(a) Gujarat (b) Andhra Pradesh
(c) Karnataka (d) Uttar Pradesh
56. The value of 37.5% of 320 is?
(a) 110 (b) 120
(c) 130 (d) 100
57. The average of the first 6 natural numbers is?
(a) 3 (b) 3.5
(c) 4 (d) 4.5
58. An article costing Rs. 640 is sold for Rs. 768. The profit percentage is?
(a) 15% (b) 20%
(c) 25% (d) 30%
59. A can do a work in 20 days and B in 30 days. Working together, they finish it in?
(a) 10 days (b) 12 days
(c) 14 days (d) 15 days
60. The square root of 8281 is?
(a) 89 (b) 91
(c) 93 (d) 87
61. A train 250 m long moving at 90 km/h crosses a pole in?
(a) 8 seconds (b) 10 seconds
(c) 12 seconds (d) 14 seconds
62. If $a : b = 4 : 9$ and $b : c = 3 : 5$, then $a : c$ is?
(a) 4 : 15 (b) 4 : 5
(c) 12 : 45 (d) 4 : 9
63. The compound interest on Rs. 20000 at 10% per annum for 2 years is?
(a) Rs. 4000 (b) Rs. 4200
(c) Rs. 4400 (d) Rs. 4100
64. A sum of money becomes 4 times itself in 12 years at simple interest. The rate of interest is?
(a) 20% (b) 25%
(c) 30% (d) 15%
65. The mean of 8 numbers is 40. If each number is multiplied by 1.5, the new mean is?
(a) 50 (b) 60
(c) 40 (d) 80

66. On a marked price of Rs. 6000, two successive discounts of 25% and 20% give a selling price of?

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|--------------|--------------|
| (a) Rs. 3600 | (b) Rs. 3800 |
| (c) Rs. 3500 | (d) Rs. 3700 |

67. If 40% of 20% of a number is 32, the number is?

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| (a) 350 | (b) 400 |
| (c) 450 | (d) 380 |

68. The LCM of 15, 20 and 25 is?

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| (a) 100 | (b) 150 |
| (c) 300 | (d) 600 |

69. A shopkeeper marks goods 60% above cost and gives a 20% discount. His profit percent is?

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|---------|---------|
| (a) 25% | (b) 28% |
| (c) 30% | (d) 32% |

70. A boat covers 40 km downstream in 4 hours and 40 km upstream in 8 hours. The speed of the stream is?

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|------------|--------------|
| (a) 2 km/h | (b) 2.5 km/h |
| (c) 3 km/h | (d) 1.5 km/h |

71. The difference between compound interest and simple interest on Rs. 15000 at 10% per annum for 2 years is?

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|-------------|-------------|
| (a) Rs. 140 | (b) Rs. 150 |
| (c) Rs. 160 | (d) Rs. 155 |

72. What is 30% of 20% of 500?

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| (a) 25 | (b) 30 |
| (c) 35 | (d) 40 |

73. The area of a trapezium with parallel sides 10 cm and 14 cm and height 6 cm is?

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| (a) 60 sq cm | (b) 72 sq cm |
| (c) 84 sq cm | (d) 96 sq cm |

74. The value of 0.03×0.6 is?

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| (a) 0.18 | (b) 0.018 |
| (c) 0.0018 | (d) 0.03 |

75. A man sells two articles at Rs. 840 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 3 raised to the power 4 is?
(a) 64 (b) 81
(c) 72 (d) 96
77. The average of 7 consecutive numbers is 24. The largest of them is?
(a) 26 (b) 27
(c) 28 (d) 25
78. Find the next term: 3, 6, 12, 24, ?
(a) 36 (b) 48
(c) 42 (d) 40
79. Complete the analogy: Bird : Cage :: Prisoner : ?
(a) Room (b) Cell
(c) House (d) Court
80. If MANGO is coded as 13-1-14-7-15, then APPLE is coded as?
(a) 1-16-16-12-5 (b) 1-16-15-12-5
(c) 1-17-16-12-5 (d) 1-16-16-11-5
81. Find the odd one out.
(a) 121 (b) 144
(c) 169 (d) 200
82. A is the father of B and C. D is the brother of A. How is D related to C?
(a) Father (b) Uncle
(c) Brother (d) Grandfather
83. A man walks 12 m north and then 16 m east. How far is he from the starting point?
(a) 16 m (b) 20 m
(c) 28 m (d) 12 m
84. Find the next letter: A, D, I, P, ?
(a) X (b) Y
(c) Z (d) W
85. In a code, 20 is written as 10, 30 as 15, and 50 as 25. Then 80 is written as?
(a) 35 (b) 40
(c) 45 (d) 50
86. Find the next number: 2, 4, 7, 11, 16, ?
(a) 20 (b) 22
(c) 24 (d) 21

87. Complete the analogy: Knife : Sharp :: Feather : ?

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|-----------|-----------|
| (a) Heavy | (b) Light |
| (c) Soft | (d) Small |

88. Find the odd one out.

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|--------|--------|
| (a) 23 | (b) 29 |
| (c) 35 | (d) 41 |

89. In a queue, a person is 18th from the front and 23rd from the back. How many people are in the queue?

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|--------|--------|
| (a) 39 | (b) 40 |
| (c) 41 | (d) 38 |

90. If '+' means 'x', '-' means '/', 'x' means '-', and '/' means '+', then $8 + 4 - 2 \times 3 = ?$

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|--------|--------|
| (a) 11 | (b) 13 |
| (c) 15 | (d) 12 |

91. Find the next term: 1, 2, 4, 7, 11, 16, ?

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|--------|--------|
| (a) 20 | (b) 22 |
| (c) 24 | (d) 21 |

92. If 'A / B' means A is the mother of B and 'A x B' means A is the father of B, then in 'P x Q / R', how is P related to R?

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|------------|-----------------|
| (a) Father | (b) Grandfather |
| (c) Uncle | (d) Grandmother |

93. Find the missing number: 3, 6, 11, 18, 27, ?

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|--------|--------|
| (a) 36 | (b) 38 |
| (c) 40 | (d) 42 |

94. Complete the analogy: Herd : Cattle :: Flock : ?

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|----------|------------|
| (a) Fish | (b) Sheep |
| (c) Bees | (d) Wolves |

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

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

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

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

97. Complete the analogy: Metre : Kilometre :: Gram : ?

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|---------------|--------------|
| (a) Milligram | (b) Kilogram |
| (c) Tonne | (d) Decigram |

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

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

99. Find the next term: 1, 8, 27, 64, 125, ?

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|---------|---------|
| (a) 196 | (b) 216 |
| (c) 225 | (d) 200 |

100. Find the odd one out.

- | | |
|---------|---------|
| (a) 27 | (b) 125 |
| (c) 343 | (d) 400 |

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