

# Solved reasoning Questions for AFCAT Air Force Common Admission Test

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Air Force Common Admission Test (AFCAT) Will be of 2 hour duration  
This is practice set of reasoning questions for AFSAT  
Solved Reasoning test

1. After walking 6 km, I turned right and covered a distance of 2 km, then turned left and covered a distance of 10 km. In the end, I was moving towards the north. From which direction did I start my journey?

- (a) North
- (b) South
- (c) East
- (d) West

Ans. (c)

2. In a certain code language EDITION is written as IDETNOI.  
How will the word MEDICAL be written in that code language?

- (a) DEMILAC
- (b) LACJM
- (c) DIEMCAL
- (d) MCADILE

Ans. (a)

3. Find the odd one—

- (a) Shelley
- (b) Keats
- (c) Chaucer
- (d) Churchill

Ans. (a)

4. In a row of boys Ganesh is 12th from the left and Rajan is 15th from the right. When they interchange their positions Rajan becomes 20th from the right. How many boys are there in the row?

- (a) 29
- (b) 31
- (c) 32
- (d) 30

Ans. (b)

5. There are four roads. You are coming from South and want to go to the temple. The road to your left leads away from coffee house. The front straight road leads to the college only. In which direction is the temple located?

- (a) North
- (b) South
- (c) East
- (d) West

Ans. (c)

Directions (Q. 6—7): In each of the following questions a related pair of words is given. Find the most suitable pair of related words from among the four alternatives.

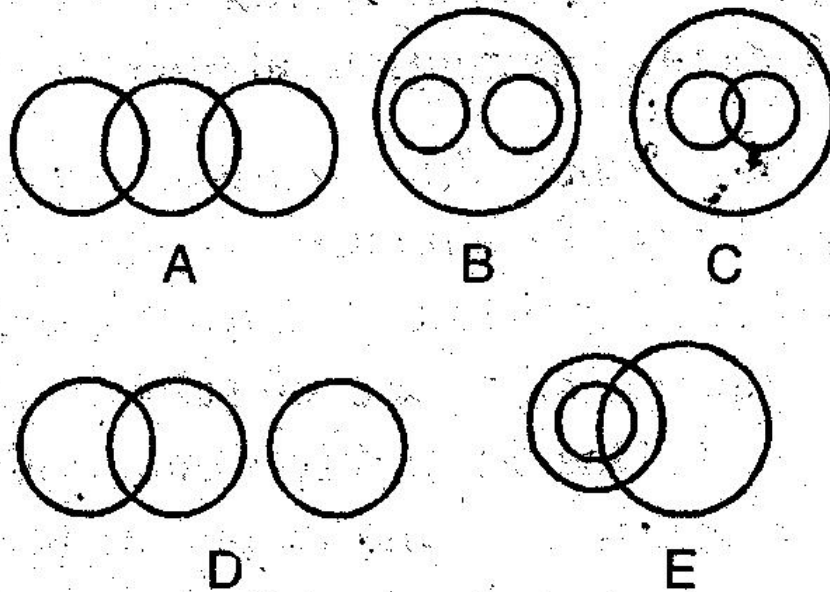
6. Satellite : Planetary path

- (a) Missile : Projectile Path
- (b) Arrow : Plunge

- (c) Bullet : Pipe
  - (d) Elevator : Axle
- Ans. (a)

7. Brittle: Break:
- (a) Glass : Break
  - (b) Sharp : Scratch
  - (c) Tree : Wind
  - (d) Elastic : Bend
- Ans. (d)

Directions (Q. 8—12): Below are given five Venn-diagrams— A, B, C, D and E. Select the most suitable diagram which represents best relationship among the given items in each of the following questions.



8. Medium of TV, TV programme, Advertisement—

- (a) A
  - (b) D
  - (c) C
  - (d) E
- Ans. (c)

9. Doctors, Surgeons, Neurologists—

- (a) B
  - (b) C
  - (c) D
  - (d) E
- Ans. (c)

10. Polygon, Rectangle, Triangle—

- (a) A
  - (b) B
  - (c) C
  - (d) D
- Ans. (d)

11. Mississippi River, Bay of Mexico, Pacific Ocean—

- (a) B
- (b) C
- (c) B

(d) D  
Ans. (d)

12. Salesman, College Graduates, High School Students

(a) A  
(b) B  
(c) C  
(d) E  
Ans. (d)

13. Fill in the missing letter in the following series— S,V,Y ,B,?

(a) C  
(b) D  
(c) E  
(d) C  
Ans. (c)

14. Fill in the missing letter in the following series—

A, Z, C, X, E?

(a) C  
(b) D  
(c) W  
(d) Y  
Ans. (d)

Directions (Q. 15—19): Read the following information and answer the questions. There are six flats on a floor in two rows facing north and south allotted to six persons P, Q, R, S, T and U. The position of their flats is as follows—

- (i) Q's flat faces the north and is not next to S.
- (ii) S and U have occupied diagonally opposite flats.
- (iii) R next to U occupied a flat facing the south and T gets a flat which faces the north.

15. Whose flat is between Q and S?

(a) P  
(b) R  
(c) T  
(d) U  
Ans. (c)

16. The flats of which pair other than of SU is diagonally opposite to each other?

(a) RT  
(b) PT  
(c) QP  
(d) TU  
Ans. (c)

17. If the flats of T and P are interchanged, who's flat will be next to that of U?

(a) S  
(b) R  
(c) Q  
(d) Q or S  
Ans. (b)

18. After interchanging the flats of T and P, who stays between T and U in the same block?

(a) P  
(b) Q  
(c) S  
(d) R  
Ans. (d)

19. If the flats are not interchanged between T and P, who occupies the flat between Q and S?

- (a) P
- (b) T
- (c) R
- (d) U

Ans. (b)

20. In a map south-east has been shown as north, north-east has been shown as west and so on. In this map what will west represent?

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

Ans. (b)

21. In an imaginary system 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, are represented by z, y, x, w, v, u, t, s, r, q respectively. In such a system  $23 * 4 * 5$  will be written as (\* indicates symbol of multiplication)

- (a) xyr
- (b) rvu
- (c) ysr
- (d) ytz

Ans. (d)

22. Anand is related to Vinod and Cinderella. Deepa is Cinderella's mother. Also Deepa is Vinod's sister and Ela is Vinod's sister. How is Ela related to Cinderella?

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

Ans. (d)

23. The letters of English alphabet are numbered from 26 to 1. The assigned numbers are used to write the letters of the original alphabet so that 26 stands for A, 25 stands for B and so on. Using this sequence, answer the following question.

Which of the following sequence denotes a valid word?

V-O-I-D

- (a) 6—12-17—23
- (b) 5—11—18—12
- (c) 5—12—18—23
- (d) 5 — 12 — 17 — 23

Ans. (c)

24. In certain code language the word NUMERICAL is written as LMUIREACN. How will the word PUBLISHED be written in that language?

- (a) DUBSILEHP
- (b) DBULISEHP
- (c) DUBLSEHP
- (d) DBUSILEHP

Ans. (d)

25. If Dog is called Cat, Cat is called Lion, Lion is called Ox, Ox is called Cock, Cock is called Elephant, and Elephant is called Donkey, then farmer ploughs with which animal?

- (a) Dog
- (b) Lion
- (c) Donkey
- (d) Cock

Ans. (d)