

Reasoning & Military Aptitude Pdf for AFCAT 1 2023

Q1. For the following question. Find the odd word/letter/number from the given following alternative.

- (a) 1023-1046
- (b) 1169-1192
- (c) 1494-1517
- (d) 1899-1921

Q2. For the following question. Find the odd word/letter/number from the given following alternative.

- (a) Kite
- (b) Sparrow
- (c) Hawk
- (d) Vulture

Q3. For the following question. Find the odd word/letter/number from the given following alternative.

- (a) Q,M
- (b) G,K
- (c) B,C
- (d) D,F

Q4. For the following question. Find the odd word/letter/number from the given following alternative.

- (a) PQSU
- (b) BCQN
- (c) ABDF
- (d) MNPR

Q5. For the following question. Find the odd word/letter/number from the given following alternative.

- (a) 626
- (b) 841
- (c) 962
- (d) 1090

Q6. For the following question. Find the odd word/letter/number from the given following alternative.

- (a) Tuticorn
- (b) Paradip
- (c) Haldia
- (d) Delhi

Q7. For the following question. Find the odd word/letter/number from the given following alternative.

- (a) Zinc
- (b) Tin
- (c) Silver
- (d) Platinum

Q8. For the following question. Find the odd word/letter/number from the given following alternative.

- (a) CAE
- (b) KGM
- (c) NLP
- (d) YWA

Q9. For the following question. Find the odd word/letter/number from the given following alternative.

- (a) C9F
- (b) E29Y
- (c) N31Q
- (d) B25W



Q10. For the following question. Find the odd word/letter/number from the given following alternative.

- (a) CEH
- (b) KMP
- (c) XZC
- (d) NPT

Q11. Select the odd:

- (a) Deccan
- (b) Kaas
- (c) Chhota Nagpur
- (d) Nanda Devi

Q12. Select the odd:

- (a) Niagara
- (b) Andes
- (c) Alamere
- (d) Kempty

Q13. Select the odd:

- (a) Moth
- (b) Bee
- (c) Lizard
- (d) Aphid

Q14. Select the odd:

- (a) Tomato
- (b) Gourd
- (c) Brinjal
- (d) Potato

Q15. Select the odd:

- (a) Gold
- (b) Silver
- (c) Bronze
- (d) Iron

Q16. Select the odd:

- (a) Mumbai
- (b) Sydney
- (c) Doha
- (d) Brussels

Q17. Select the odd:

- (a) Retina
- (b) Pupil
- (c) Vision
- (d) Cornea

Q18. Select the odd:

- (a) Tibia
- (b) Cortex
- (c) Cranium
- (d) Cerebellum Ghat

Q19. Select the odd:

- (a) Saltoro Kangri
- (b) Kongka La
- (c) Zoji La
- (d) Kumbharli Ghat

Q20. Select the odd:

- (a) Grapes
- (b) Pomegranate
- (c) Cardamom
- (d) Mango

Directions (21-25): Read the following character sequence carefully and then answer the question given below it.

4 B @ # P W 3 \$ 5 % T & 7 8 C F E * © A K 2 U D + ¥ R

Q21. How many such symbols are there in the above sequence, each of which is immediately preceded by a vowel and immediately followed by a symbol?

- (a) One
- (b) Two
- (c) Three
- (d) None

Q22. If all the symbols are dropped in the given series, then which element will be at 12th position from left end?

- (a) 8
- (b) T
- (c) 5
- (d) E

Q23. Which of the following element is 6th to the right of 13th element from the left?

- (a) ©
- (b) T
- (c) A
- (d) K

Q24. How many such numbers are there in the above sequence, each of which is immediately preceded by a number and immediately followed by a symbol?

- (a) One
- (b) Two
- (c) Three
- (d) None

Q25. What will come in place of the question mark of the series?

BP@ \$T5 8EC ?

- (a) U D +
- (b) AUK
- (c) © A K
- (d) AD2

Directions (26-30): Study the following arrangement of symbols, digits and letters carefully to answer these given questions.

R € 9 3 S 6 H # 7 K \$ L 2 ¥ B M J © 4 5 E 8 @ G π A

Q26. If all the numbers are deleted from the above arrangement, then which of the following element will be seventh to the left of fifth from the right end?

- (a) K
- (b) ¥
- (c) B
- (d) \$

Q27. How many such numbers are there in the above arrangement each of which is immediately preceded by a symbol?

- (a) One
- (b) Two
- (c) Three
- (d) Four

Q28. How many such symbols are there in the above arrangement each of which is immediately preceded by a number and immediately followed by a consonant?

- (a) two
- (b) four
- (c) one
- (d) three

Q29. If all the symbols are deleted from the above arrangement, then which of the following element will be the fourth to the right of twelfth from the right end?

- (a) B
- (b) J
- (c) 2
- (d) M

Q30. Which of the following element is 6th to the left of the element which is 18th from the left end?

- (a) \$
- (b) 2
- (c) L
- (d) M

Directions (31-35): Read the following character sequence carefully and then answer the question given below it.

4 B @ # P W 3 \$ 5 % T & 7 8 C F E * © A K 2 U D + ¥ R

Q31. How many such symbols are there in the above sequence, each of which is immediately preceded by a vowel and immediately followed by a symbol?

- (a) One
- (b) Two
- (c) Three
- (d) None

Q32. If all the symbols are dropped in the given series, then which element will be at 12th position from left end?

- (a) 8
- (b) T
- (c) 5
- (d) E

Q33. Which of the following element is 6th to the right of 13th element from the left?

- (a) ©
- (b) T
- (c) A
- (d) K

Q34. How many such numbers are there in the above sequence, each of which is immediately preceded by a number and immediately followed by a symbol?

- (a) One
- (b) Two
- (c) Three
- (d) None

Q35. What will come in place of the question mark of the series?

BP@ \$T5 8EC ?

- (a) U D +
- (b) AUK
- (c) © A K
- (d) AD2

Directions (36-40): Study the following arrangement of symbols, digits and letters carefully to answer these given questions.

R € 9 3 S 6 H # 7 K \$ L 2 ¥ B M J © 4 5 E 8 @ G π A

Q36. If all the numbers are deleted from the above arrangement, then which of the following element will be seventh to the left of fifth from the right end?

- (a) K
- (b) ¥
- (c) B
- (d) \$

Q37. How many such numbers are there in the above arrangement each of which is immediately preceded by a symbol?

- (a) One
- (b) Two
- (c) Three
- (d) Four

Q38. How many such symbols are there in the above arrangement each of which is immediately preceded by a number and immediately followed by a consonant?

- (a) two
- (b) four
- (c) one
- (d) three

Q39. If all the symbols are deleted from the above arrangement, then which of the following element will be the fourth to the right of twelfth from the right end?

- (a) B
- (b) J
- (c) 2
- (d) M

Q40. Which of the following element is 6th to the left of the element which is 18th from the left end?

- (a) \$
- (b) 2
- (c) L
- (d) M

Directions (41-45): Study the following alphanumeric series carefully and answer the questions given below:

D 9 & U V # \$ * H 2 8 J * 7 % S 3 2 G 8 2 4 H 1 @ 2 R 2 Y W M A 5

Q41. How many such alphabets are there which is preceded and followed by same number?

- (a) Three
- (b) Two
- (c) One
- (d) Four



Q42. How many such symbols are there which is preceded by numbers and followed by vowels?

- (a) Two
- (b) None
- (c) One
- (d) Four

Q43. How many such numbers are there which is preceded by alphabets and followed by symbols?

- (a) One
- (b) Two
- (c) Three
- (d) Four

Q44. If all numbers are eliminated from the series then, which of the following element is 14th from right end of the series?

- (a) \$
- (b) *
- (c) &
- (d) #

Q45. Which of the following element is 5TH to the right of 17th from right end of the series?

- (a) 4
- (b) H
- (c) 1
- (d) 2

Directions (46-50): Study the following arrangement carefully and answer the questions given below.

9 D H 8 I % T @ I J M Q 3 © R 4 P W \$ Y 2 A E 6 # U K 5 U 1 & Z N

Q46. Which of the following element is the seventh to the left of the fifteenth from the left end of the given arrangement?

- (a) I
- (b) T
- (c) @
- (d) J

Q47. How many such numbers are there in the given arrangement, each of which is immediately preceded by a consonant and immediately followed by a vowel?

- (a) None
- (b) One
- (c) Two
- (d) Three

Q48. How many such symbols are there in the given arrangement, each of which is immediately followed by a letter and immediately preceded by a number?

- (a) None
- (b) One
- (c) Two
- (d) Three

Q49. How many such consonants are there in the given arrangement, each of which is immediately preceded by a consonant and immediately followed by a symbol?

- (a) None
- (b) One
- (c) Two
- (d) Three

Q50. Which of the following element is 18th from right end of the series?

- (a) 4
- (b) R
- (c) P
- (d) ©



Solutions

S1. Ans.(d)

Sol. In all the other pairs, second number is 23 more than the first number.

S2. Ans.(b)

Sol. All except sparrow are scavengers.

S3. Ans.(d)

Sol. Position of the all the letters is prime, except D and F.

S4. Ans.(b)**S5. Ans.(b)**

Sol. The number 841 is a perfect square.
 $841 = 29 \times 29$

S6. Ans.(d)

Sol. All three are major sea ports of India except Delhi.

S7. Ans.(d)

Sol. Platinum is different from all others because it is very costly and generally not used to make utensils except all other are used to make utensils.

S8. Ans.(b)**S9. Ans.(b)**

Sol. In all other groups of words numeric component in between the first and last letters is the sum of positions of first and last letter they occupy in the alphabet.

S10. Ans.(d)

Sol. In all other groups there is a gap of one letter between first and second letters and gap of two letters between second and third letters.

S11. Ans.(d)

Sol. Deccan, Kaas and Chhota Nagpur are plateaus whereas Nanda Devi is a mountain peak.

S12. Ans.(b)

Sol. Niagara, Alamere and Kempty are waterfalls whereas Andes is a mountain range.

S13. Ans.(c)

Sol. Moth, Bee and Aphid are Insects whereas Lizard is a reptile.

S14. Ans.(d)

Sol. Tomato, Gourd and Brinjal grow above the ground, whereas Potato grows underground.

S15. Ans.(c)

Sol. Gold, Silver and Iron are metals, whereas Bronze is an alloy.

S16. Ans.(d)

Sol. Mumbai, Sydney and Doha are non-capital city whereas Brussels is the capital of Belgium.

S17. Ans.(c)

Sol. Retina, Pupil and Cornea are parts of eyes.

S18. Ans.(a)

Sol. Cortex, Cranium and Cerebellum Ghat are parts of brain.

S19. Ans.(a)

Sol. Kongka La, Zoji La and Kumbharli Ghat are passes whereas Saltoro Kangri is a mountain peak.

S20. Ans.(c)

Sol. Grapes, Pomegranate and Mango are fruit whereas Cardamom is not.

S21. Ans.(a)

Sol. E * ©

S22. Ans.(d)**S23. Ans.(a)**

S24. Ans.(d)
S25. Ans.(b)
S26. Ans.(d)
S27. Ans.(c)
Sol. € 9, # 7, © 4
S28. Ans.(a)
Sol. 2 ¥ B, 8 @ G
S29. Ans.(d)
S30. Ans.(c)
S31. Ans.(a)
Sol. E * ©
S32. Ans.(d)
S33. Ans.(a)
S34. Ans.(d)
S35. Ans.(b)
S36. Ans.(d)
S37. Ans.(c)
Sol. € 9, # 7, © 4
S38. Ans.(a)
Sol. 2 ¥ B, 8 @ G
S39. Ans.(d)
S40. Ans.(c)

S41. Ans.(c)
Sol. 2 R 2
S42. Ans.(c)
Sol. 9&U
S43. Ans.(b)
Sol. D 9 &, H 1 @
S44. Ans.(b)
S45. Ans.(a)
S46. Ans.(c)
S47. Ans.(d)
Sol. H8I, Y2A, K5U
S48. Ans.(d)
Sol. 3©R, 6#U, 1&Z
S49. Ans.(b)
Sol. PW\$
S50. Ans.(a)

