

SECTION-1:

Find the next in the sequence:

1. BC CE EG GK ?

- a)KN
- b)KU
- c)KM
- d)None

2. AA AB BC CE?

- a)EG
- b)EH
- c)EI
- d)None

3. AB EF JK QR ?

- a)YZ
- b)ZA
- c)AB
- d)None

4.ACD EGL IKT MOB?

- a)QST
- b)QSZ
- c)QSY
- d)None

5.AC CG GO OE?

- a)EJ
- b)EI
- c)EL
- d)None

6.AE BH CM DU?

- a)EH
- b)EZ
- c) EB
- d)None

7. AD DP PL LV

- a)VS
- b)VK
- c)VI
- d)None

8. SE QU EN TI?

- a)CN
- b)BM
- c)AI or AZ
- d)None

SECTION-II:

Find the values for the following problem:

$f(X) = 2X - 1 + f(X-1)$ if X is not equal to zero and $f(X=0)=0$

9. Value of $f(5)$

- a)15
- b)24
- c)22
- d)None

10. Value of $f(f(2))$

11. Value of $f(16) - f(15)$

12. Value of $f(16) + f(15) - 480$

13. If $f(f(X))=81$ then the value of $X=?$

14. If $f(X)=4f(X-1)$ then the value of $X=?$

15. If $f(X) = f(X-1) + f(X-2)$ for $X > 1$ then $X = ?$

16. If $f(X) - f(X-1) = f(X-8)$ for $X > 5$ then $X =$

SECTION -III:

In the following questions a 'word' is given which may not have any meaning. Find different possible words or palindromes for the word as per the question.

For the following find no of distinct words that can be formed.

17. TYGHHTT

- a).420
- b)1540
- c)840
- d)None

18. TYGHHTY

19. TYGHHTT

20. TYGHHTT

21. TYGHASD

22. TYGHHTY

Find the number of possible palindromes for following

23. TYGHHTY

24. TYHHHTYH.

SECTION-IV:

25 to 32 are based on the figures. You have to analyse them and find the odd one out. Five figures will be given out of which one is not correct.

Refer R.S Agarwal's book on Analytical Reasoning & TMHs Quantitative ability book by Edgar Thorpe.

SECTION -V:

For following first find out the anagram and then note the corresponding meaning.

33. TABLET

Hint: anagram means first u arrange the letters in correct order like TABLET===BATTLE . So ans is FIGHT

34. RUGGED

35. GORE.

36.STASSI.

For all above choices are.

- a)resentment
- b)fight
- c)help
- d)monster

37. ENFOLD

38. LAMB

39. RECEDE.

40. PLEASE.

For all the above 4 choices are same

- a)cuddle
- b)sleeping
- c)proclamination
- d)ointment.