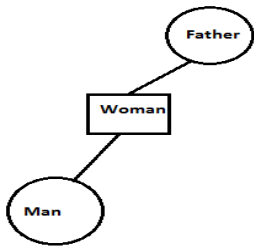


# ANSWER WITH EXPLANATION

[SET – 20]

1. (a)  
From the figure given below- we can conclude that the man is the son of the woman.



2. (b)  
All letters are written in reverse order.
3. (b)  
 $12 \times (12 \div 2) = 72$   
Similarly,  $8 \times (8 \div 2) = 32$ ;
4. (d)  
In the first couplet, take every letter's previous letter and next letter  $F \Rightarrow EG$ ;  $I \Rightarrow HJ$ ;  $G \Rightarrow FH$ ;  
Similarly,  $BIN \Rightarrow ACHJMO$ ;

5. (c)  
 $42 = 6 \times (6+1)$ ; similarly, the required answer  
 $= 7 \times (7+1) = 56$ ;

6. (d)  
Garbage is wasted or spoiled food and Hose is a flexible tube conveying water/other liquids. Similarly, Gangue is the commercially valueless material in which ore is found. Hence, option(d.) is the correct answer.

7. (d)  
 $DBU \Rightarrow (+1)(+3)(+5) \Rightarrow EEZ$ ;  
 $CJH \Rightarrow (+1)(+3)(+5) \Rightarrow DMM$ .

8. (a)  
All except lawyer are government officials.

9. (b)  
All except parallel are types of angles.

10. (c)  
All except 37 are divisible by 5.

11. (c)  
All except DX have relative distance of 17 in the English dictionary.

12. (b)  
All except PERU have two vowels at starting and ending position.

13. (d)  
All except 1331 are not cubes of any number.

14. (d.)  
There are 7 circles in one circle. Hence, the total number of circles =  $7 \times 3 - 2$  (common circles) = 19.

15. (d)  
 $SHE / ELA / SHE / ELA / SHE / ELA / SHE / ELA$

16. (c)  
 $1234 / 1234 / 1234 / 1234$

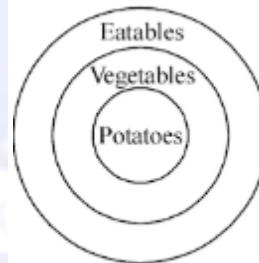
17. (d)  
 $a \ b \ a / b \ a \ b / a \ b \ a / b \ a \ b$

18. (d)

- 19.(c.)  
Explanation: Let us find all coding of the word EAGLE.  
 $E = 55, 66, 77, 88, 99$ ;  
 $A = 01, 14, 22, 30, 43$ ;  
 $G = 02, 10, 23, 31, 44$ ;  
 $L = 57, 65, 78, 89, 96$ ;

20. (d)  
From the given table, we can observe that the letters at odd positions are not changed and even positions letters are in order of  $-4, +4, -4, +4$ .

21. (d)



22. (d)  
Virgo is the 6<sup>th</sup> Zodiac sign. Volleyball is played with 6 players. 6 runs are the highest in Cricket. 6<sup>th</sup> sense is the extra perception unit. Hence, option (d.) is the correct answer.

23. (b)  
number 5 represents the qualified and experiences doctors in the village.

24. (c)  
 $APPLE \Rightarrow (+4)(+4) (+4)(+4) (+4) \Rightarrow ETTPI$ .  
Similarly,  $DELHI \Rightarrow (+4)(+4) (+4)(+4) (+4) \Rightarrow HIPLM$ .

25. (c)  
The multiplication of first, second, and fourth quadrant

numbers is equal to the value of third quadrant number.  
Hence, the required number =  $4 \times 3 \times (-1) = -12$ .

26. (b)  
 $40 + 32 = 72$ ;  $30 + 24 = 54$ ; hence, the required answer =  $90 - 54 = 36$ .

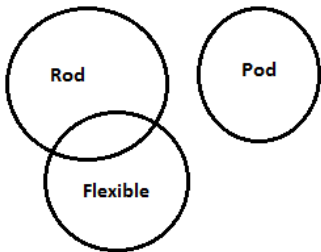
27. (c)  
The required answer =  $1 \times 3 \times 10 \times 3 = 90$ .

28. (d)  
The opposite number is equal to the cube of the respective number. Hence, the required answer =  $(11)^3 = 1331$ .

29. (d)  
In figure I,  $(0 + 6 + 4 + 3 + 1 + 5) \times 7 = 133$ .  
In figure II,  $(8 + 2 + 5 + 3 + 4 + 6) \times 7 = 196$ .  
Hence, the required answer will be  
 $= (1 + 2 + 5 + 4 + 3 + 7) \times 7 = 22 \times 7 = 154$ .

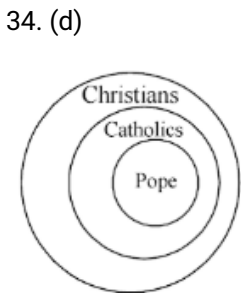
30. (c)  
After removing 'S' from the given series, we will get the following –  
HOT POT COT LOT TOP; all of them are meaningful names in dictionary.

31. (d)  
From the figure given below, we can say that neither of the inferences follow.



32. (a)  
From the statement only assumption-I stands true.

33. (d)  
 $CU \Rightarrow UC$ ;  $ST \Rightarrow TS$ ;  $OM \Rightarrow MO$ ;  
So,  $CUSTOM \Rightarrow UCTSMO$ ;  
Hence,  $PARENT \Rightarrow APERTN$ .



35. (a)  
from the given problem, we can interpret that 1 will be opposite to 4. Then, only 5 will be opposite to 3 possibly.

36. (c)  
The color of sky is 'Blue' and 'Blue' is called 'red'.  
Hence, option (c.) is the correct choice.

37. (a)

38. (c)  
The order of the given words in increasing as per the dictionary-  
Occultist > Odious > Odium > Ordeum.  
By Reversing the order, we will get 'Odious' as the third word.

39. (c)  
Explanation: From the given figure, we can easily find that Veena and Veeru at their destination point are 8 km away.



40. (c)  
the given series progress by +3, +5, +7, +9, and +11. Hence, the next number will be 37.

