

### CODING-DECODING Solutions By Alok Sir

#### Answer (1-5)

1. **A**  
Symbol is according to number of letters in word  
4 - #, 5 - @, 6 - ©, 7 - %, 8 - \$  
Number is (number represented by first letter of word) + 2  
Letter - last letter of word  
So Marker - M = 13, 13 + 2 = 15, 6 letter word so © and last letter R - so code is 15©R
2. **E**  
Statement is 9 letter word . So we do not know the symbol for 9 letter word
3. **C**
4. **C**
5. **D**

#### Answer (6-10)

6. **C**  
Alphabet = Next letter of first letter of word  
The symbol is according to last letter:  
L - \$, S - #, A - %, N - @, E - ©  
Numbers: (Number of letters . 1) \* 2  
So Kazakhstan - K => K+1=L, @ for last letter N, letters in Kazakhstan = 10 so (10 - 1)\*2 = 18  
So L@18
7. **E The word should start with K, A at last with 10 letter word**
8. **D**
9. **B**
10. **D**

#### Answer (11-15)

11. **D**  
Numbers: Number of letters in word multiplied by 4  
First letter in code is second letter of respective word. Second letter in code is reverse of last letter of respective word.  
So Aspirant - S for second letter S, G for reverse of T, 8 letter word so 8\*4 = 32 makes SG32
12. **A**
13. **B**
14. **C**
15. **B**

#### Answer (16-20)

16. **C**  
Symbols: According to number of vowels in the word  
1 vowel: \$, 2 vowels: #, 3 vowels: @, 4 vowels: !  
Number: Number of letters in word ^ 2 - 1  
Alphabet according to first letter of Word. Observe that words start from S or E or T or N or F  
S => A, E => D, T => H, N => J, F => L  
So: code for Seven is  
2 vowels so #, 5 letters so 5 ^ 2 - 1 = 24, first letter S so S => A. So code becomes A#24
17. **D**
18. **D**
19. **C**
20. **B**

#### Answer (21-25)

21. **B**  
Observe all numbers are multiple of 3.  
Number: (Number of letters in word - 1) \* 3  
Observe 4 symbols are used and there are words ending in 4 letters only - u, r, d, i  
So u - #, r - @, d - %, i - \$  
Alphabet: first letter of word - 2. If the first letter represents number ≤ 13 (26/2) then alphabet written at start, but if first letter represents number > 13 (26/2) then alphabet written at end  
So  
Jammu will be coded as:  
J = 10 which is ≤ 13, J - 2 => H, last letter u => #, and number of letters in 5 so (5 - 1) \* 3 = 12  
So H #12  
Puri will be coded as:  
P = 16 which is > 13, P - 2 => N, last letter i => \$, and number of letters in 4 so (4 - 1) \* 3 = 9  
So H #12
22. **D**
23. **D**
24. **B**
25. **B**