*LOGICAL REASONING*

# MODULE 7 – CODING AND DECODING

1. If, 1111 = r, 2222 = t, 3333 = e, 4444 = n, 5555 =?
   (a) w      (b) x      (c) y      (d) z

2. If in a coded language,
   45 → 41
   23 → 13
   52 → 29
   71 → 50
   29 → ?
   (a) 23      (b) 26      (c) 53      (d) 85

3. EMBLEM is coded as 216, CRUDE is coded as 125, Similarly, CRICKET will be coded as?
   (a) 225      (b) 196      (c) 256      (d) 343

4. If GO = 32 & SHE = 49 then SOME will be equal to?
   (a) 56      (b) 58      (c) 62      (d) 64

5. GOOD is coded as 164 and BAD is coded as 21. If UGLY is coded as 260 then JUMP will be coded as?
   (a) 240      (b) 140      (c) 136      (d) 180

6. If MAPLE is coded as VOKZN then how will CAMEL be coded?
   (a) OVNZF      (b) OUNZX
   (c) OVNZX      (d) XZNVO

7. If SAVOURY is coded as OVUARSY then how will RADIATE be coded?
   (a) AIDARET      (b) IDARATE
   (c) ARIADTE      (d) IDAATRE

8. If BURNER is coded as CASOIS then how will ALIMENT be coded?
   (a) BKJLFMU      (b) EKOLIMS
   (c) EMONIOU      (d) BRJSFTU

9. In a particular language, "TOM KUN SUD" means 'Boys are playing'; ' KUN JO MOP" means 'Boys and Girls' and " MUT TOM KO" means 'Life is Beautiful'. How is Boys coded as?
   (a) TOM      (b) KUN      (c) MUT      (d) JO

10. If the word "SCHOOL" is coded as "TFMVXW", what will "COLLEGE" be coded as?
    (a) DRQSRNR      (b) DRSQRNR
    (c) DRQSNRR      (d) DRSQNRR

11. If the word "GREAT" is coded as "HTHEY", then which word will be coded as "ZKCLUP"?
    (a) YIZHPJ      (b) YZIHPJ
    (c) YIZHJP      (d) YPHZIJ

12. If the word "ENGINEERING" is represented as "FOHJOFFSJOH', then the word "SUCCESS" will be represented as?
    (a) TVDFDTT      (b) TDVDTFT
    (c) TVDDHTT      (d) TVDDFTT

***Directions - Questions 13 to 17:*** *Study the following information to answer the questions:*

In a certain code 'best way to win' is written as 'ad mi ja no', 'the way to hell' is written as 'ku ja ig ad'. 'win of the day' is written as 'be ku zo mi' and 'to sell of night' is written as 'be li ya ja'.

13. What is the code for 'sell'?
    (a) be      (b) li
    (c) ya      (d) Cannot be determined

14. 'mi' is the code for
    (a) to      (b) win      (c) way      (d) of

15. What is the code for 'best'?
    (a) ad      (b) mi      (c) no      (d) ja

16. Which of the following may represent 'hell is way'?
    (a) ad re ig          (b) ig li re
    (c) re ad be         (d) ig py ya

17. Which of the following represents 'of the way'?
    (a) rni be no        (b) ku be ad
    (c) ku be ya        (d) mi ku be

18. In a certain code language,'134' means 'good and tasty'; '478' means 'see good pictures' and '729' means 'pictures are faint'. Which of the following digits stands for 'see'?
    (a) 9      (b) 2      (c) 1      (d) 8

19. If white is called blue. blue is called red, red is called yellow, yellow is called green, green is called black, black is called violet and violet is called orange, what would be the colour of human blood?
    (a) Red          (b) Green
    (c) Yellow       (d) Violet

20. If 'sky' is called as 'star', 'star' is called as 'cloud', 'cloud' is called as 'earth', 'earth' is called as 'tree', and 'tree' is called as 'book', then where do the birds fly?
    (a) Cloud        (b) Sky
    (c) Star          (d) Data Inadequate

21. In a certain language "DELHI" is written as 451289. How is "MUMBAI" coded in that language?
    (a) 132113219     (b) 5105108
    (c) 76765         (d) None of these

22. If, NO = 210, SO = 285 then ANI = ?
    (a) 185    (b) 258    (c) 126    (d) 512

23. If ABHI is coded as 23910 and BIG is coded as 3108, then how is RAM coded in the same language?
    (a) 19214       (b) 18113
    (c) 17112       (d) 19241

24. If in a certain language, ENTRY is coded as 12345 and STEADY is coded as 931785, then state which is the correct code for NEATNESS?
    (a) 25196577     (b) 21732199
    (c) 21362199     (d) 21823698

25. In a certain language, 'sun shines brightly' is written as 'ba lo sul', 'houses are brightly lit' as 'kado ula ari ba' and 'light comes from sun' as 'dopi kup lo nro'. What is the code for sun and brightly?
    (a) ba sul        (b) sul lo
    (c) lo ba         (d) ba nro

**HOME WORK**

26. In a certain code, SIKKIM is written as THLJJL, how is TRAINING written in that code?
    (a) SQBHOHOF     (b) UQBHOIOF
    (c) UQBHOHOI     (d) UQBHOHOF

27. In a certain code, TOGETHER is written as RQEGRJCT. In the same code, PAROLE will be written as,
    (a) RYPQJG      (b) RCPQJG
    (c) NCPQJG      (d) NCPQJC

28. In a certain code "KARMPUTRA" is coded as "AKSNQVUAR". How is "BHILWARAM" written in that code?
    (a) HBJMXBSMA     (b) HBJMXBSMN
    (c) CIJMXBSBN     (d) None of these

29. In a certain code, COMPUTER is written as RFUVQNPC. How is MEDICINE written in the same code?
    (a) MFEDJJOE     (b) EOJDEJFM
    (c) MFEJDJOE     (d) EOJDJEFM

30. In a code language QUEEN is written as OVCFL, then KING is written as
    (a) IJLH         (b) MKOF
    (c) PHIK        (d) FOKM