SERIES, ANALOGY AND CODING & DECODING

NUMBER SERIES

1. 12, 32, 72, 152, x
   a) 312   b) 325   c) 515   d) 613

2. 1, 2, 5, 12, 27, 58, 121, _____
   a) 246   b) 247   c) 248   d) 249

3. 225, 336, 447, _____, 669, 7710
   a) 114   b) 338   c) 558   d) 991

4. 43, 47, 90, 56, 63, 119, 67, 79, _____
   a) 150   b) 390   c) 270   d) 146

5. Find out the wrong number in the series 4443, 2423, 4322, 4511, 6221
   a) 4443   b) 2423   c) 4322   d) 4511   e) 6221

6. Find the wrong number 3, 5, 12, 38, 154, 914
   a) 5   b) 38   c) 154   d) 914   e) 12

7. 2, 1, ½, ¼,
   a. 1/3   b. 1/8   c. 2/8   d. 1/16

8. 3, 4, 7, 8, 11, 12,
   a. 7   b. 10   c. 14   d. 15

9. 80, 10, 70, 15, 60,
   a. 20   b. 25   c. 30   d. 50

10. 2, 6, 18, 54,
    a. 108   b. 148   c. 162   d. 216

11. 28, 25, 5, 21, 18, 5, 14
    a. 11, 5   b. 10, 7   c. 10, 5   d. 5, 10

12. 9, 16, 23, 30, 37, 44, 51
    a. 59, 66   b. 56, 62   c. 58, 66   d.58, 65

13. 61 57 50 61 43 36 61
    a. 29, 61   b.29, 22   c. 31, 61   d.22, 15

14. 6, 11, 21, 36, 56, _____
    a. 91   b. 81   c. 78   d. 87

15. 6   13   22   33   ?   61

16. 9   10   14   23   39   ?

17. 53   56   64   79   ?   138

18. 30   42   56   ?   90   110

19. 720   520   336   ?   120   68

20. 100   81   68   55   72   ?

21. 145   113   85   61   ?

22. 123   235   347   459   ?

23. 336   168   ( )   42   ( )

24. 4   8   24   96   ( )

25. 3,7,10,8,4,12,0,5,5,3,2,?

ALPHABET SERIES

In following alphabet series , one term missing as shown by question mark . Choose missing term from options.

1. U,O,I,?,A
2. Y,W,U,S,Q,?,?
3. A,B,D,G,?
4. Z,U,Q,?,L
5. A,C,F,H,?,M
6. A,Z,X,B,V,T,C,R,?,?
7. R,M,?,F,D,?
8. Z,L,X,J,V,H,T,F,?,?
9. Z,S,W,O,T,K,Q,G,?
10. W, V, T, S, Q, P, N, M, ?, ?
11. Z, Y, X, U, T, S, P, O, N, K, ?, ?

12. b, e, d, f, ?, h, j, ?, l
13. AZ, GT, MN, ?, YB
14. BF, CH, ?, HO, LT
15. BD, GI, LN, QS, ?
16. AD, EH, IL, ?, QT
17. OTE, PUF, QVG, RWH, ?
18. eac, gce, ieg, ?
19. QPO, SRQ, UTS, WVU, ?
20. ?, ayw, gec, mki, sqo
21. FLP, INS, LPV, ?
22. AYD, BVF, DRH, ?, KGL
23. 3F, 6G, 11I, 18L, ?
24. KM5, IP8, GS11, EV14, ?
25. 2Z5, 7Y7, 14X9, 23W11, 34V13, ?

NUMBER ANALOGY

1. 6 : 18 : : 4 : ?
   a. 2   b. 6   c. 8   d. 16
2. 1 : 1 : : 25 : ?
   a.26   b. 125   c. 240   d. 625
3. 121 : 12 : : 25 : ?
   a. 1   b. 2   c. 6   d. 7
4. 42 : 20 : : 64 : ?
   a. 31   b. 32   c. 33   d. 34
5. 25 : 37 : : 49 : ?
   a. 41   b. 56   c. 60   d. 65
6. 14 : 9 : : 26 : ?
   a. 12   b. 13   c. 15   d. 31

7. 8 : 28 : : 27 : ?
   a. 8   b. 28   c. 64   d. 65
8. 583 : 293 : : 488 : ?
   a. 291   b. 378   c. 487   d. 581
9. 7 : 56 : : 9 : ?
   a. 63   b. 81   c. 90   d. 99
10. 9 : 8 : : 16 : ?
    a. 27   b. 18   c. 17   d. 14
11. 8 : 81 : : 64 : ?
    a. 125   b. 137   c. 525   d. 625
12. 17 : 52 : : 1 : ?
    a. 3   b. 4   c. 5   d. 51
13. 20 : 11 : : 102 : ?
    a. 49   b. 52   c. 61   d. 98
14. 9 : 80 : : 100 : ?
    a. 901   b. 1009 c. 9889 d. 9999
15. 27 : 9
    a. 64 : 8   b. 125 : 5   c. 135 : 15   d. 729 : 81
16. 5 : 35
    a. 7 : 77   b. 9 : 45   c. 11 : 55   d. 3 : 24
17. 8 : 256
    a. 7 : 343   b. 9 : 243   c. 10 : 500   d. 5 : 75
18. 11 : 1210
    a. 6 : 216   b. 7 : 1029   c. 8 : 448   d. 9 : 729
19. 7 : 24

a. 30 : 100   b. 23 : 72   c. 19 : 58   d. 11 : 43

20. 144:13

a. 529:24   b. 225:14   c. 385:17   d. NOTA

CODING DECODING

1. If in a certain language, MADRAS is coded as NBESBT, how is BOMBAY coded in that code?
    A. CPNCBX   **B.** CPNCBZ   **C.** CPOCBZ   **D.** CQOCBZ   **E.** NOTA

2. In a certain code, TRIPPLE is written as SQHOOKD. How is DISPOSE written in that code?
    A. CHRONRD   **B.** DSOESPI   **C.** ESJTPTF   **D.** ESOPSID   **E.** NOTA

3. If in a code language, COULD is written as BNTKC and MARGIN is written as LZQFHM, how will MOULDING be written in that code ?
    A. CHMFINTK   **B.** LNKTCHMF   **C.** LNTKCHMF   **D.** NITKHCMF   **E.** NOTA

4. In a certain code, MONKEY is written as XDJMNL. How is TIGER written in that code?
    A. QDFHS   **B.** SDFHS   **C.** SHFDQ   **D.** UJHFS   **E.** NOTA

5. In a certain code, COMPUTER is written as RFUVQNPC. How is MEDICINE written in the same code?
    A. EOJDJEFM   **B.** EOJDEJFM   **C.** MFEJDJOE   **D.** MFEDJJOE   **E.**NOTA

6. If VICTORY is coded as YLFWRUB, how can SUCCESS be coded?
    A. VXEEIVV   **B.** VXFFHVV   **C.** VYEEHVV   **D.** VYEFIVV   **E.** NOTA

7. In a certain code, TOGETHER is written as RQEGRJCT. In the same code, PAROLE will be written as
    A. NCPQJG   **B.** NCQPJG   **C.** RCPQJK   **D.** RCTQNC   **E.** NOTA

8. If BOMBAY is written as MYMYMY, how will TAMIL NADU be written in that code?
    A. TIATIATIA   **B.** MNUMNUMNU   **C.** IATIATIAT   **D.** ALDALDALD
    E. None of these

9. If FRIEND is coded as HUMJTK, how is CANDLE written in that code?
    A. EDRIRL   **B.** DCQHQK   **C.** ESJFME   **D.** FYOBOC   **E.** DEQJQM

10. If in a certain language, COUNSEL is coded as BITIRAK, how is GUIDANCE written in that code?
    A. EOHYZKBB   **B.** FOHYZJBB   **C.** FPHZZKAB   **D.** HOHYBJBA   **E.** NOTA

11. In a certain code language,
    (A) 'pit dar na' means 'you are good'
    (B) 'dar tok pa' means 'good and bad'
    (C) 'tim na tok' means 'they are bad'
    In that language, which word stands for 'they' ?
    A. na   **B.** Tok   **C.** Tim   **D.** Pit

12. In a certain code language,
    (A) 'pic vic nic' means 'winter is cold'
    (B) 'to nic re' means 'summer is hot'
    (C) 're pic boo' means 'winter and summer'
    (D) 'vic tho pa' means 'nights are cold'
    Which word in that language means 'summer' ?
    A. nic   **B.** Re   **C.** To   **D.** Pic   **E.** Vic

13. In a certain code language,
    (A) 'pit na som' means 'bring me water'
    (B) 'na ja tod' means 'water is life'
    (C) 'tub od pit' means 'give me toy'

(D) 'jo lin kot' means 'life and death'
Which of the following represents 'is' in that language ?

A. jo   **B.** Na   **C.** Tod   **D.** Lin   **E.** NOTA

14. In a certain code, '37' means 'which class' and '583' means 'caste and class'. What is the code for 'caste' ?

A. 3   **B.** 7   **C.** 8   **D.** Either 5 or 3   **E.** Either 5 or 8

15. In a certain code language, '743' means 'mangoes are good' ; '657' means 'eat good food' and '934' means 'mangoes are ripe'. Which digit means 'ripe' in that language ?

A. 9   **B.** 4   **C.** 5   **D.** 7

16. In a certain code, '247' means 'spread red carpet' ; '256' means 'dust one carpet' and '234' means 'one red carpet'. Which digit in that code means 'dust'?

A. 2   **B.** 3   **C.** 5   **D.** 6   **E.** Can`t say

17. n a certain code, '256' means 'you are good' ; '637' means 'we are bad' and '358' means 'good and bad'. Which of the following represents 'and' in that code?

A. 2   **B.** 5   **C.** 8   **D.** 3

18. In a certain code, '467' means 'leaves are green'; '485' means 'green is good' and '639' means 'they are playing'. Which digit stands for 'leaves' in that code?

A. 4   **B.** 6   **C.** 7   **D.** 3   **E.** NOTA

19. In a certain code language, '851' means 'good sweet fruit'; '783' means 'good red rose' and '341' means 'rose and fruit'. Which of the following digits stands for 'sweet' in that language?

A. 8   **B.** 5   **C.** 1   **D.** 3   **E.** NOTA

20. In a certain code language, '123' means 'hot filtered coffee' ; '356' means 'very hot day' and '589' means 'day and night'. Which digit stands for 'very'?

A. 9   **B.** 5   **C.** 8   **D.** 2   **E.** 6

21. In a certain code, '256' means 'red colour chalk' ; '589' means 'green colour flower' and '245' means 'white colour chalk'. Which digit in that code means 'white'?

A. 2   **B.** 4   **C.** 5   **D.** CBD   **E.** NOTA

22. In a certain code language, '526' means 'sky is blue' ; '24' means 'blue colour' and '436' means 'colour is fun'. Which digit in that language means 'fun'?

A. 5   **B.** 4   **C.** 3   **D.** 2   **E.** NOTA

23. In a certain code, '289' means 'read from paper'; '276' means 'tea from field' and '85' means 'wall paper'. Which of the following is the code for 'tea'?

A. 2   **B.** 6   **C.** Either 2 or 6   **D.** Either 2 or 7
E. Either 7 or 6

24. In a certain code, '289' means 'read from paper'; '276' means 'tea from field' and '85' means 'wall paper'. Which of the following is the code for 'paper'?

A. 2   **B.** 8   **C.** 9   **D.** CBD   **E.** NOTA

25. If FRAGRANCE is written as SBHSBODFG, how can IMPOSING be written?
A. NQPTJHOJ   **B.** NQPTJOHI   **C.** NQTPJOHJ   **D.** NQPTJOHJ   **E.** NOTA

26. If in a certain language, GAMBLE is coded as FBLCKF, how is FLOWER coded in that code?
A. GKPVFQ   **B.** EMNXDS   **C.** GMPVDS   **D.** HNQYGT   **E.** EKNVDQ

27. If in a certain language, NATURE is coded as MASUQE, how is FAMINE coded in that code?
A. FBMJND   **B.** FZMHND   **C.** GANIOE   **D.** EALIME   **E.** FZNJME