[3]

Sardar Patel University
Vallabh Vidyanagar
Academic Year 2016 – 17
First Year B. Ed. (Advanced)
Semester – 1
UE01EB2A20
EPC – 1 B: Developing Reasoning and Logical Skills

Date: 24/10/16   **Total Marks: 35**
Day: Monday   **Timing: 10:00 to 11:30am**

Choose the correct answer.

1. Which is the 8th letter to the right of 15th letter from your left in the alphabetical series?
   a. G   b. H   c. V   d. W

2. In the following series if the alternate letters are deleted and then if the numbers start counting from D, which will be third letter to the right of 5th letter from your left?
   a. L   b. K   c. I   d. None of these

3. How many such pairs are there in the word PERFUMERY having same number of letters left between them as they have in the alphabet?
   a. 5   b. 3   c. 4   d. 1

4. If the first letter is interchanged by second, third by fourth, fifth by sixth and so on in the word HABILITATE then which will be the 8th letter from your left in the new word?
   a. L   b. E   c. T   d. A

5. If SHOCKER is coded as WLSGOIV then how will THROUGH be coded?
   a. XLVSYKL   b, XLVRWJK   c. XJTQWKL   d. XDNSYCD

6. If CRY is coded as MRYC then how will GET be coded?
   a. MTEG   b. MGET   c. MEGT   d. METG

7. In a certain code language '567' coded as 'Importance and Acme'. '364' as 'Enemity and Friendship' '532' as 'Importance Friendship Business' then
   i)   For which code 3 has been used?
   a. Enemity   b. And   c. Friendship   d. Importance
   ii)   What is the code used for business?
   a. 2   b. 3   c. 5   d. 7

Direction: In each of the following question numbers i.e. 8th to 10th one word is different from the rest. Find out the word which does not belong to the group.

8. a. Chicken   b. Horse   c. Puppy   d. Calf   e. Cub
9. a. January   b. October   c. August   d. June   e. November
10. a. KMNO   b. ABDE   c. PRST   d. UWXY   e. QSTU
11. As Author is related to Writing, similarly Thief is related
    a. To Night   b. To Feel   c. To Steal   d. To wonder
12. SRP: RUO: : DOT : _____
    a. CST   b. DSS   c. EST   d. CRU

Direction: In the following question number 13th to 15th, a half complete number series/alphabetical series/missing letters are given. Which alternatives from the given will replace the question mark?

13. 7T19, 9Q16, 11N13, 13K10, 15H7,?___
    a. 17E4　　　　　　b. 18F5　　　　c. 17E3　　　d. 18D4

14. 0, 3, 8, 15, 24, _____,48
    a. 36　　　　　　　b. 32　　　　　c. 34　　　　d. 35

15. FRP, HPQ, JNS, LLV, _____
    a. PKZ　　　　　　b. NJZ　　　　c. OJZ　　　d. MKZ

16. If from one end the position of Mahesh is 18th in a group of 42 boys,What is his position from the other end?
    a. 24　　　　　　　b.20　　　　　c. 21　　　　d. 25

17. Saroj is smaller than Sangeeta but taller than Anju. Suruchi is smaller than Manjula who is smaller than Anju. If they are arranged in descending order of length then who is at the third place from the left?
    a. Saroj　　　　　b. Suruchi　　　c. Manjula　　d. Anju

18. Six people P, Q, R, S, T and U are sitting in a circular path who are facing the center. R is third from P in the right. Q is third from T in the left. U is between P and T and S is third from U in the left.
    i)　　Who is opposite to T?
    a. S　　　　　　　b. Q　　　　　　c. P　　　　d. U
    ii)　　What is the order of the six people from the left?
    a. SQRUTP　　　　b. TSRQUP　　　c. SRTUPQ　　d. SQPUTR

19. Prabhat started to go towards west from his house and stopped after going 40km. After he goes 30 km turning to his left. How far is he from his house?
    a. 30 km　　　　　b. 50 km　　　　c. 25 km　　　d. 40 km

20. Salay walked 10m towards west from his house. Then he walked 5 m turning to his left. After this he walked 10 m turning to his left and in the end he walked 10m turning to his left. In what direction is he now from the starting point?
    a. South　　　　　b. North　　　　c. East　　　d. West

21. If the numbers between 4 to 90, which are divisible by 5 and which contain 5 in the unit, tenth or both place, are removed then how many numbers divisible by 5 will be left?
    a. 7　　　　　　　b. 8　　　　　　c. 18　　　　d. 12

22. In the given series how many 5's are there, which are preceded by 4 but not followed by 3?

    543765453624545543756455435
    a. 1　　　　　　　b. 2　　　　　　c. 3　　　　d. None

23. A lady pointing to a man in a photograph says, "The sister of the son of this man is my mother in-law". How is the husband of the lady related to the man in the photograph?
    a. Maternal Grand Son　b. Nephew　　c. Son　　　d. maternal Grand Father

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24. Pointing to a Rajendra, Harsha says, "He is the son of the only son of my Father." How is Rajendra related to Harsha?
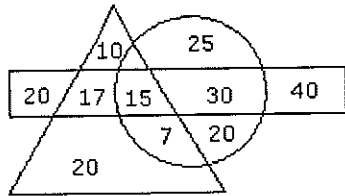
    a. Brother   b. Son   c. Nephew   d. Cousin

25. If – means ÷, ÷ means -, + means ×, and × means +, then

$$12-4\times7+8\div5 = \underline{\hspace{2cm}}$$

    a. 54   b. 45   c. 34   d. 64

26.

△ ⟶ Persons who takes tea

◯ ⟶ Persons who takes coffee

▭ ⟶ Persons who takes wine

i) How many people are such who takes tea and wine but not coffee?

    a. 20   b. 17   c. 25   d. 15

ii) How many people are such who takes tea and coffee both but not wine?

    a. 22   b. 17   c. 7   d. 20

iii) How many persons are such who takes all three?

    a. 20   b. 17   c. 25   d. 15

Direction: In each of the following questions i.e. 27 and 28, a group of three words is given. You have to choose one of the following five diagrams which represent the correct relation of those three items which are given in each question.
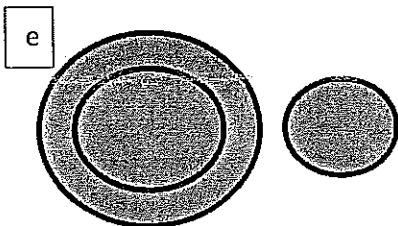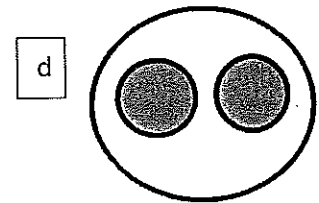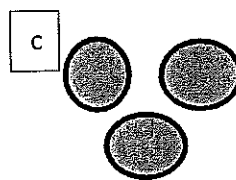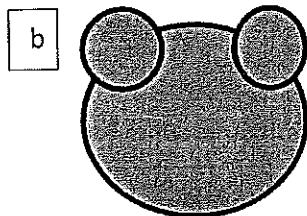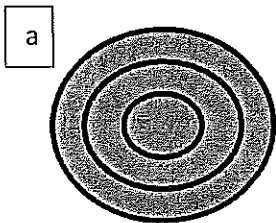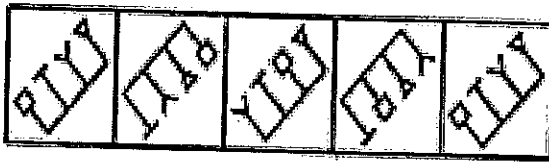

27. (i) Country, State, District   (ii) Patna, Agra, Bihar

28. Find out the appropriate option for the given mirror image.

JUDGEMENT

(1) TNEMEGDUJ   (2) TИƎMƎGᗡUᒐ

(3) TИƎMƎᗡᗡUᒐ   (4) ᒐUᗡƆƎMƎИT

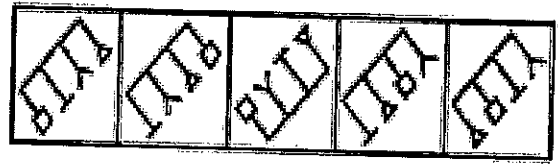   a. 1   b. 2   c. 3   d. 4

29.

A   B   C   D   E   1   2   ·3   4   5
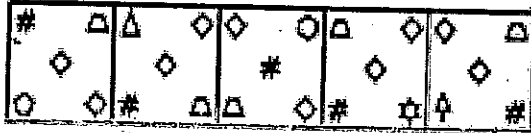
a. 1   b. 3   c. 2   d. 5

30.

A   B   C   D   E   1   2   3   4   5

a. 1   b. 3   c. 2   d. 5

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