Q1. Pointing to a lady, Arun said "The son of her only brother is the brother of my wife". How is the lady related to Arun?
A) Mother's sister   B) Grandmother   C) Mother-in-law
D) Sister of father-in-law   E) Maternal aunt
[Level-2; Accenture, Wipro, Infosys]

Answer: D)
Explanation:
Her brother is Arun's father-in-law, so she is sister of father-in-law

Q2. **Pointing to a person, Arun said to Sarika, "His mother the only daughter of your father." How is Sarika related to that person?**
A) Aunt   B) Daughter   C) Mother-in-law
D) Mother   E) Sister
[Level-2; Accenture, Wipro, Infosys]

Answer: D)
Explanation: Sarika's father's only daughter means Sarika herself, so Sarika is mother to that person (pointed to by His)

Q3. A clock is so placed that at 12 noon its minute hand points towards north-east. In which direction does its hour hand point at 1:30 pm?
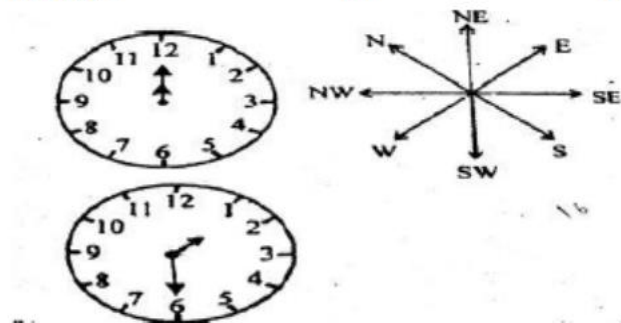
(a) North   (b) South   (c) East   (d) West

[Level-1; Accenture, Wipro, Chetu]

Answer: C

Solution:

(c) The positions of the minute and hour hands at 12 noon and 1:30 p.m. are as shown in the diagram. Comparing with direction figure, we see that the hour hand at 1:30 p.m. points towards the East.

Q4. One evening before sunset two friends Sumit and Mohitwere talking to each other face to face. If Mohit's shadow was exactly to his right side, which direction was Sumit facing?

(a) North   (b) South   (c) West   (d) Data inadequate

[Level-1; Accenture, Wipro, Chetu]

Answer: B

Solution:

In the evening, sun in the west and so the shadows fall towards east. So, Mohit's shadow fell towards east. Now, since Mohit's shadow fell towards right, therefore, Mohit is facing North. So Surnit, standing face to face with Mohit, was facing South.

Q5. Five persons – P, Q, R, S and T scored different marks in an examination. If Q scored more marks than S and T only while R does not score the highest marks then who among the following has the second highest marks?
A. P   B. Q   C. R   D. S   E. T
[Level-2; Accenture, Wipro, infosys]

Answer: C

Q6. Pankaj shifted 7 places towards his right to occupy the middle position in the row. If there were 33 persons in the row them what was the original position of Pankaj from the right end of the row?
A. 10th   B. 17th   C. 20th   D. 24th   E. Can't be determined
[Level-2; Accenture, Wipro, infosys]

Answer: D
Solution:
The middle position in the row of 33 persons from either end is 17th. Thus, the position of Pankaj from left end after shifting 7 places to the right is 17th. So the original position of Pankaj from the left end = 17 – 7 = 10. This means the original position of Pankaj from the left end was 10th. Thus the original position of Pankaj from the right end = (33 – 10) + 1 = 24th. Hence the correct answer is option D.

Q7. Direction: Study the following question carefully and choose the right answer.
A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered – from 0 to 4 and that Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'U' can be represented by 01, 14, etc. and E can be represented by 55, 66 etc. Similarly, you have to identify the set for the word 'JUDGE'.

A. 13, 31, 96, 10, 88   B. 00, 30, 56, 31, 99
C. 42, 43, 65, 21, 55   D. 34, 01, 86, 23, 66

[Level-1; Accenture, Wipro, Infosys, Chetu]

Answer: D
Solution:

Hence, the option D is correct.

Q8. Direction: Study the following question carefully and choose the right answer.

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered – from 0 to 4 and that Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'J' can be represented by 01, 14, etc. and E can be represented by 55, 66 etc. Similarly, you have to identify the set for the word 'OBJECT'.

A. 67, 78, 00, 66, 31, 11   B. 75, 96, 22, 55, 44, 03
C. 86, 66, 14, 77, 10, 32   D. 98, 57, 43, 86, 30, 40

[Level-1; Accenture, Wipro, Infosys, Chetu]

Answer: B

Solution:

Hence, the option B is correct.

Q9. Choose the box that is similar to the box formed from the given sheet of paper (X).

A. 1 and 2 only
B. 1, 2 and 3 only
C. 1 and 3 only
D. 1, 2, 3 and 4 only
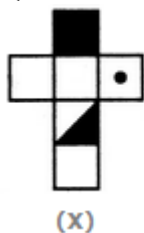**[Level-1; Topic-Dice; Wipro, Accenture, Capgemini]**

Answer: A
Solutions:
The fig. (X) is similar to the **Form VI**. So, when a cube is formed by folding the sheet shown in fig. (X),

then is one of the faces of the cube and this face lies opposite to a blank face. Also, a face bearing a circle lies opposite to one bearing a dot. Clearly, this cube does not have faces as shown in the cubes in figures (3) and (4). Hence, only the cubes shown in figures (1) and (2) can be formed.

Q10. Choose the box that is similar to the box formed from the given sheet of paper (X).

A. 1 and 3 only
B. 2, 3 and 4 only
C. 2 only
D. 3 and 4 only
[Level-1; Topic-Dice; Wipro, Accenture, Capgemini]

Answer: C
Solutions:
The fig. (X) is similar to the Form I. So, when the sheet in fig. (X) is folded to form a cube, then the completely shaded face lies opposite to the half shaded face. Therefore, the cubes shown in figures (1) and (3) which have the completely shaded face adjacent to the half-shaded face cannot be formed. Since Fig 4 doesn't have at-least one shaded face, it cannot be formed. Hence, only the cubes in figure (2) can be formed.

Q11. Choose the box that is similar to the box formed from the given sheet of paper (X).

A. 1 and 2 only
B. 1, 2 and 4 only
C. 1 and 4 only
D. 1, 2 and 3 only
[Level-1; Topic-Dice; Wipro, Accenture, Capgemini]

Answer: B
Solutions:
The fig. (X) is similar to the Form V. So, when the sheet shown in fig. (X) is folded to form a cube then the shaded face lies opposite to one of the blank faces, the face bearing a circle lies opposite to another blank face and the face bearing a shaded square lies opposite to the third blank face. Thus, each one of the cubes shown in figures (1), (2) and (4) can be formed. Also, though the cube shown in fig. (3) has faces that can appear adjacent to each other but the cube formed by folding the sheet in fig. (X) cannot be rotated to form fig. (3). Hence, the cube in fig.(3) cannot be formed.

Q12. Choose the box that is similar to the box formed from the given sheet of paper (X).

A. 1 and 2 only
B. 2, 3 and 4 only
C. 4 only
D. 3 and 4 only
[Level-1; Topic-Dice; Wipro, Accenture, Capgemini]

Answer: D

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Solutions:
The fig. (X) is similar to the Form V. So, when the sheet in fig. (X) is folded to form a cube, then the face bearing a square lies opposite to the face bearing a circle. Therefore, the cubes shown in figures (1) and (2) which have the faces bearing the square and the circle adjacent to each other, cannot be formed. Hence, only the cubes in figures (3) and (4) can be formed.

Q13. Directions:
A cube is cut in two equal parts along a plane parallel to one of its faces. One piece is then coloured red on the two larger faces and green on the remaining, while the other is coloured green on two smaller adjacent faces and red on the remaining. Each is then cut into 32 cubes of same size and mixed up.
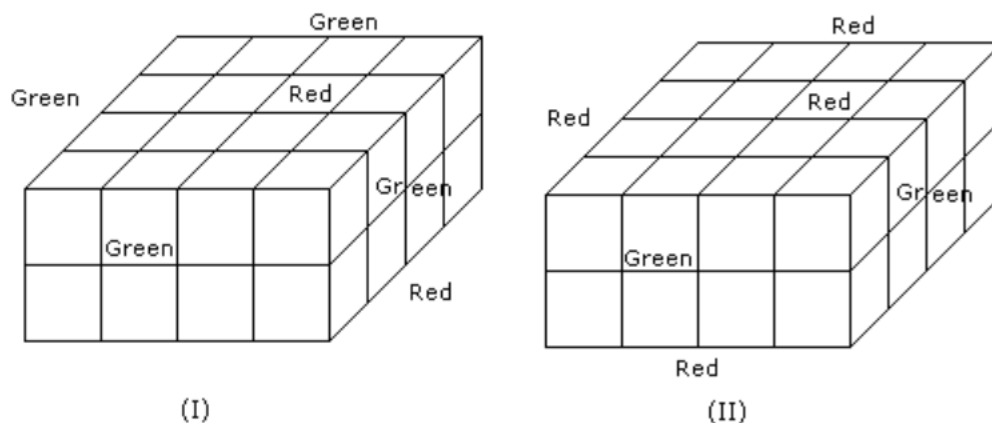
How many cubes have each one red and another green?
A. 0   B. 8   C. 16   D. 24
[Level-1; Topic-Cube; Wipro, Accenture, Cognizant]

Answer: D
Solution:

(I)   (II)

6 from (I) and 8 from (II)

Q14. If in a code language 'PUTREFY' is written as 'XPQSTRL' and 'NAVIGATE' is written as 'GYMOWYQT' how is 'AVIARY' written in that language?
A. YOMYLS   B. YMOYLS   C. YMOYSL   D. YOMYSL
[Level-1; Accenture, Wipro, Infosys, Chetu]

Answer: C
Solution:

PUTREFY
↓↓↓↓↓↓
XPQSTRL

And

NAVIGATE
↓↓↓↓↓↓↓
GYMOWYQT

Therefore,

AVIARY
↓↓↓↓↓
YMOYSL

Q15. In a certain code RAIN is written as TCKP. How is CLOUD written in that code?

A. ENQWF   B. EMQWF   C. FNQWE   D. ENRWF

[Level-1; Accenture, Wipro, Infosys, Chetu]

Answer: A

Solution:

RAIN
↓↓↓↓
+2+2+2+2
↓↓↓↓
TCKP

Therefore,

CLOUD
↓↓↓↓↓
+2+2+2+2+2
↓↓↓↓↓
ENQWF