

If dice (A), (B) and (C) have an odd number of dots on their top faces, and the dice (D), (E) and (F) have an even number of dots on their top faces, then what is the difference in the total number of dots on the top faces between the two sets?

- (a) 5
- (b) 4
- (c) 3
- (d) 2

Detailed



Analysis

always 7.

So, Number of faces on the top faces of the dice (A), (B) and (C) are 5, 1 and 5 respectively.

Therefore, the total of these numbers = $5 + 1 + 5 = 11$

And, Number of dots on the top faces of the dice (D), (E) and (F) are 6, 4 and 6 respectively.

Therefore, the total of these numbers = $6 + 4 + 6 = 16$

Required difference = $16 - 11 = 5$

Hence, option (a) is the correct answer.

69 In a certain code language, 'mango is good' is written as 'la ja pa', 'orange is tasty' is written as 'ka na ja', 'apples are good' is written as 'ko mi pa', and 'grapes are sour' is written as 'mi te fa'. How is 'are' written in that code language?

- (a) pa
- (b) fa
- (c) mi
- (d) na

c

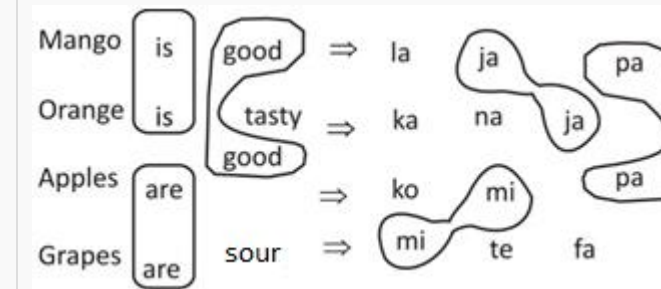
Detailed



Analysis

Not Attempted

There is only one code that matches with the word 'are'.



mi ⇒ are

Hence, option (c) is the correct answer.

70 **Directions for the following 2 (two) items:**

There are six persons A, B, C, D, E and F in a family. Among them is a Doctor, Judge, Teacher, IPS, IAS and Engineer, not necessarily in the same order.

1. The teacher is the grandfather of F, who is an IPS.
2. The Judge D is married to A.
3. C, the engineer is married to the doctor.
4. B is the mother of E and F.
5. There are two married couples in the family.

What is the profession of A?

c

Detailed



Analysis

Not Attempted

Explanation for Questions 70 and 71:

We can draw the following family tree, based on the information provided to us: