

Quiz Date: 13th March 2020

Directions (1-5): Study the following information carefully and answer the questions given below:

Seven boxes are arranged in a stack A, B, C, D, E, F and G are placed one above another (but not necessarily in the same order) are containing seven different items i.e. gems, biscuits, chips, chocolates, candy, toffees and fruity. Four boxes are between the box A and the one which contains toffees. Box B contains chips. Only one box is between F and A. Only three boxes are between A and B. F is placed in the middle of the stack. Same number of boxes are placed between F and G and F and the box which contains toffees.

G does not place below the box which contains Chips. Only one box is between the box which contains chocolates and box D. The box that contains gems is above the box that contains chocolates but not place immediate above the box that contains chocolates. Only one box is between the box which contains gems and box C. E contains toffees. F does not contain candy and fruity. D does not contain fruity. Box C is not placed below D.

Q1. How many boxes is/are there below G?

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) More than four

Q2. 'box C' contains which of the following item?

- (a) Biscuit
- (b) Chocolates
- (c) Candy
- (d) Fruity
- (e) none of these

Q3. Find the pair of item and boxes which is correct?

- (a) D- Chocolates
- (b) C- Fruity
- (c) B-Biscuit
- (d) A- Candy
- (e) None of the above is true.

Q4. Which of the following box is immediate below the box that contain biscuit?

- (a) A
- (b) B
- (c) C
- (d) D
- (e) None of these

Q5. Which of the following item belongs to the box which is immediate above G?

- (a) Biscuit



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- (b) Chocolates
- (c) Candy
- (d) Fruity
- (e) none



Directions (6-10): In each question below are given some statements followed by some conclusions. You have to assume everything in the statements to be true even if they seem to be at variance with commonly known facts and then find out which of the five given conclusions does not logically follow from the statements, disregarding commonly known facts.

Q6. Statements:

Only a few jasmine are marigold
 Atleast orchid are marigold
 Only marigold are daisy

Conclusions:

- (a) Some daisy are jasmine
- (b) Some daisy are marigold
- (c) All orchid are marigold is a possibility
- (d) Some jasmine are orchid is a possibility
- (e) All orchid can be jasmine.

Q7. Statements:

No litchi is grapes
 Atleast papaya are guava
 All guava are litchi

Conclusions:

- (a) Some papaya are litchi.
- (b) No grapes is guava is a possibility.
- (c) Some litchi are guavas.
- (d) Some guava are not grapes.
- (e) All grapes are papaya is possibility.

Q8. Statements:

All moon are earth
 Some planet are not sun

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Some moon are planet

Conclusions:

- (a) Some earth are planet.
- (b) All sun are planet is a possibility.
- (c) some sun is moon is a possibility.
- (d) Some earth is not Sun.
- (e) Some moon are earth.

Q9. Statements:

Only a few cake are flavor

Some chocolate are cake

No chocolate is white

Conclusions:

- (a) Some cake are not white.
- (b) All cake is flavor is a possibility
- (c) All white can be cake.
- (d) Some flavor are cake.
- (e) Some flavor is white is a possibility

Q10. Statements:

Only a few Monday are Tuesday.

All Tuesday are Wednesday.

Only Wednesday are Sunday.

Conclusions:

- (a) Some Wednesday are Monday.
- (b) All Wednesday are Tuesday is a possibility.
- (c) All Tuesday can be Monday.
- (d) All Monday is Wednesday is a possibility.
- (e) Some Wednesday are Tuesday

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Direction (11-15): There are two rows given and to find out the resultant of a particular row we need to follow the following steps: -

Step 1: If an odd number is followed by an even number then the resultant will be the addition of both the numbers.

Step 2: If an even number is followed by a perfect square then the resultant will be the difference of that square number and the even number.

Step 3: If an even number is followed by another even number (but not a perfect square) then the resultant will be the addition of both the numbers.

Step 4: If an even number is followed by an odd number (but not a perfect square) then the resultant comes by multiplying the numbers.

Step 5: If an odd number is followed by another odd number then the resultant will be the division of first number by the second number.

Q11. Find the sum of the resultant of two rows?

8 49 10

8 7 36

- (a) 69

- (b) 71
- (c) 64
- (d) 75
- (e) None of the above

Q12. Find the difference of the resultant of two rows?

| | | |
|----|----|----|
| 5 | 8 | 14 |
| 14 | 12 | 7 |

- (a) 156
- (b) 167
- (c) 159
- (d) 160
- (e) None of the above

Q13. Find the value of X if the addition of the resultant of first and second row is 32?

| | | |
|---|----|---|
| 4 | 25 | X |
| 7 | 12 | 6 |

- (a) 10
- (b) 3
- (c) 7
- (d) 2
- (e) 5

Q14. Find the value Y if the difference is the resultant of two rows is 113?

| | | |
|----|----|---|
| 8 | 18 | 7 |
| 25 | 5 | Y |

- (a) 71
- (b) 70
- (c) 64
- (d) 60
- (e) 78

Q15. Find the multiplication of the resultant of two rows?

| | | |
|----|----|---|
| 35 | 7 | 5 |
| 16 | 11 | 4 |

- (a) 170
- (b) 168
- (c) 178
- (d) 172
- (e) None of the above



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Solutions

Solutions (1-5):

Sol.

| BOX | ITEM |
|-----|------------|
| G | Gems |
| A | Fruity |
| C | Chocolates |
| F | Biscuit |
| D | Candy |
| B | Chips |
| E | Toffee |

S1. Ans (e)

S2. Ans (b)

S3. Ans (e)

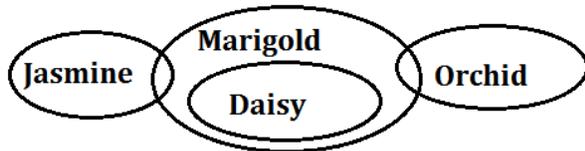
S4. Ans (d)

S5. Ans (e)

Solutions (6-10):

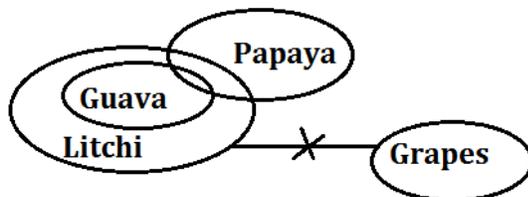
S6. Ans.(a)

Sol.



S7. Ans.(b)

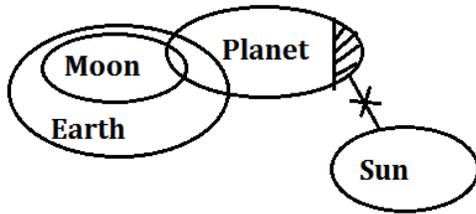
Sol.



S8. Ans.(d)

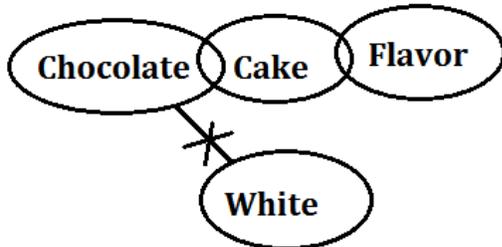
Sol.





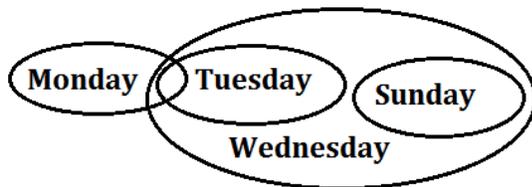
S9. Ans.(b)

Sol.



S10. Ans.(b)

Sol.



Solutions (11-15):

S11. Ans.(b)

Sol.

In row-1

Even number is followed by a perfect square so= $49-8= 41$
 $41 \quad 10$

an odd number is followed by an even number= $41+10=51$

In row-2

Even number is followed by an odd number so= $8*7= 56$
 $56 \quad 36$

Even number is followed by a perfect square = $56-36=20$

So, the addition of resultant of two rows = $51+20 = 71$

S12. Ans.(e)

Sol.

In row-1

An odd number is followed by an even number so= $5+8= 13$
 $13 \quad 14$

An odd number is followed by an even number so= $13+14= 27$

In row-2

Even number is followed by an even number so = $14+12= 26$
 $26 \quad 7$



Even number is followed by an odd number so = $26*7 = 182$
 So the difference of resultant of the two rows = $182-27=155$

S13. Ans.(b)

Sol.

In row-1

Even number is followed by an perfect square number so= $25-4 = 21$

21 X

In row-2

Odd number is followed by an even number so = $7+12 = 19$

19 6

An odd number is followed by an even number so= $19+6= 25$

The addition of the resultant of the both rows = 32

So, resultant of first row is $32-25=7$.

Now for row-1 21 X = 7

So, the only possible value of X can be 3.

S14. Ans.(c)

In row-1

Even number is followed by another even number so= $8+18= 26$

26 7

Even number is followed by an odd number so= $26*7 = 182$

In row-2

an odd number is followed by another odd number= $25/5=5$

5 Y

Row 1 - Row 2= 113

$182 - \text{Row 2} = 113$

Row 2= 69

So, the value of 'Y' must be = 64

S15. Ans.(d)

Sol.

In row-1

An odd number is followed by an odd number so= $35/7= 5$

5 5

An odd number is followed by an odd number so= $5/5= 1$

In row-2

Even number is followed by an odd number so = $16*11= 176$

176 4

Even number is followed by an perfect square so = $176-4= 172$

So the multiplication of resultant of the two rows = $172*1=172$



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