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## 80 Questions

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**Que. 1** Eight members M, N, O, P, Q, R, S, and T are sitting in two rows with an equal number of members in each row. Members of one row are facing north and those in the other row are facing south. Each member in one row is sitting exactly opposite a member in the other row.

Only one person sits between S and Q, who sits in the row facing north. R is an immediate neighbour of P. Q did not sit at any extreme end of the row. S faces P, who sits second to the right of N. P is not an immediate neighbour of T, who faces O. Q is an immediate neighbor of O.

Who sits between M and O?

1. S
2. R
3. Q
4. T
5. P

Correct Option - 3

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**Que. 2** What is the position of R with respect to N?

1. Third to the left
2. Immediate right
3. Immediate left
4. Second to the right
5. Third to the right

Correct Option - 2

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**Que. 3** What is the position of M?

1. Opposite to R
2. Immediate right of S
3. Immediate left of Q
4. Only 1, 2 and 3 are true
5. None of these

Correct Option - 4

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**Que. 4** If R interchange his position to O, what is the position of S with respect to R?

1. Opposite
2. Placed diagonally opposite
3. Three places to its left
4. Immediately adjacent
5. Two places to its right

Correct Option - 3

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**Que. 5** Who sits extreme end of the row?

1. S, T
2. Q, P
3. P, M
4. O, N
5. S, R

Correct Option - 1

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**Que. 6** **Direction:** Study the following series of sets of numbers. Carefully answer the question given below.

324    825    583    978    159

What will be number obtained if 2<sup>nd</sup> digit of largest number is added with 1<sup>st</sup> digit of 2<sup>nd</sup> smallest number?

1. 16
2. 17
3. 13
4. 10
5. 14

Correct Option - 4

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**Que. 7** If 1 is added to second digit and 1 is subtracted to third digit then which among them is third largest number?

1. 825
2. 324
3. 159
4. 978
5. 583

Correct Option - 5

---

**Que. 8** If in each number three digits are arranged in ascending order then which of the following is 2<sup>nd</sup> largest number?

1. 324
2. 159
3. 978
4. 583
5. 825

Correct Option - 4

---

**Que. 9** If first and third digits are interchanged then how many prime number are there in the following series?

1. One
2. Two
3. Three
4. Zero
5. Four

Correct Option - 4

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**Que. 10** What will be the number obtained when 3<sup>rd</sup> digit of 2<sup>nd</sup> highest number is multiplied by 2<sup>nd</sup> digit of smallest number?

1. 49
2. 36
3. 30
4. 25
5. 20

Correct Option - 4

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**Que. 11** **Direction:** Study the information given below carefully and answer the questions that follow.

Arpit is father of Vineet, who is brother-in-law of Arman. Reeta is mother -in-law of Mahima. Kriti is sister of Vineet. Mahima and Vineet are married. Kriti is married. How is Arman related to Kriti?

1. Wife
2. Father
3. Husband
4. Son
5. None of the above

Correct Option - 3

---

**Que. 12** Read the following information carefully and answer the given questions:

Certain number of persons are sitting in a row facing north. Three persons sit between T and Q who sits immediate left of L. Four persons sit between L and S. M sits third from one of the ends. Three persons sit between M and P. O sits six places away from P but not at the end. N neither sits to the right of O nor at any of the ends. Only one person sit between M and R, R who has only one neighbour. T sits to the left of O but not immediate left. Not more than two persons sit to the left of T. Not more than one person lives between M and S who sits to the left of M. T sits to the immediate right of N. Not more than 7 persons sit between O and S. O sits to the left of Q.

How many persons are sitting in the row?

1. 21

2. 24
3. 19
4. 17
5. Cannot be determined

Correct Option - 4

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**Que. 13** How many persons are sitting between L and P?

1. Three
2. Two
3. One
4. Four
5. Six

Correct Option - 2

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**Que. 14** What is the position of S with respect to R?

1. Immediate left
2. Third to the left
3. Immediate right
4. Fourth to the right
5. Fourth to the left

Correct Option - 5

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**Que. 15** **Direction:** In the following question assuming the given statements to be true, find which of the conclusion(s) among given conclusions is/are definitely true and then give your answers accordingly.

**Statements:**

$$M = F, R \leq J, M > J, I \geq F$$

**Conclusions:**

- I.  $R < F$
- II.  $I > J$

1. Only conclusion I follows
2. Only conclusion II follows
3. Both conclusions I and II follow
4. Either conclusion I or II follows
5. None of the conclusions follows

Correct Option - 3

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**Que. 16** **Direction:** In the following question assuming the given statements to be true, find which of the conclusion(s) among given conclusions is/are definitely true and then give your answers accordingly.

**Statements:**

$$T \geq E = W, V < R < Q = W, T \leq P$$

**Conclusions:**

I.  $Q < P$

II.  $P = Q$

1. Only conclusion I follows
2. Only conclusion II follows
3. Both conclusion I and II follow
4. Either conclusion I or II follows
5. None of the conclusions follows

Correct Option - 4

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**Que. 17** **Direction:** In the following question assuming the given statements to be true, find which of the conclusion among the given conclusions is/are definitely true and then give your answers accordingly.

**Statements:**  $W > Q > Z \leq L; N < C \leq Z$

**Conclusions:**

I.  $W > N$

II.  $N \leq L$

1. Only II is True
2. Neither I nor II is True
3. Both I and II are True
4. Either I or II is True
5. Only I is True

Correct Option - 5

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**Que. 18** **Direction:** In the following question assuming the given statements to be true, find which of the conclusion among the given conclusions is/are definitely true and then give your answers accordingly.

**Statements:**  $F > K \geq D; S \geq D \geq U > V$

**Conclusions:**

I.  $V < K$

II.  $F > S$

1. Only I is True
2. Neither I nor II is True
3. Both I and II are True
4. Either I or II is True
5. Only II is True

Correct Option - 1

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**Que. 19** **Direction:** Read the following information carefully and answer the given questions:

There are six person A, B, C, D, E and F and all of them purchase different article. Only one person purchase article before A. E purchase before B and D but not before A. Only one person purchased article after D. F purchased the article in the last.

Who among the following is the first to purchase the article?

1. D
2. A
3. C
4. F
5. E

Correct Option - 3

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**Que. 20** Which of the following statement is correct?

1. Two person brought the article between A and D
2. D is the third person to purchase the article
3. E is second person to purchase the article
4. None of the given statement is Correct
5. All the given statement is Correct

Correct Option - 1

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**Que. 21** Number of person purchase the article between C and B is same as that of between E and \_\_\_\_

1. C
2. B
3. A
4. D
5. F

Correct Option - 5

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**Que. 22** Find the odd one from the following options.

1. DE
2. FB
3. BA
4. BC
5. EC

Correct Option - 4

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**Que. 23** If each person is assigned a number based on the order in which they purchase an article, starting with the number 10 in consecutive order, what would be the possible number assigned to person B?

1. 10
2. 11
3. 13
4. 12
5. 14

Correct Option - 3

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**Que. 24** Seven people A, B, C, D, E, F and G are living in a seven story building, where the bottommost floor is numbered as 1, topmost is numbered as 7. All the people are not necessarily living in the same order. E lives on one of the floor below third floor. Three people are living between F and E. Two people are living between C and F. G lives immediately below D, who lives on an odd numbered floor. A lives above B, who does not live adjacent to C.

How many people live between the one who lives on floor numbered 6 and B?

1. Two
2. Four
3. One
4. Three
5. None

Correct Option - 2

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**Que. 25** Who lives immediately above C?

1. D
2. F
3. E
4. G
5. None of these

Correct Option - 4

---

**Que. 26** How many people live above E?

1. Six
2. Four
3. Five
4. Three
5. None of these

Correct Option - 3

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**Que. 27** Which statement is true according to the final arrangement?

I. D lives on floor numbered 5.

II. One people live between D and C.



III. Five people live between A and B.

1. Only I
2. Only I and III
3. Only II and III
4. Only I and II
5. All are true

Correct Option - 5

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**Que. 28** Who live adjacent to D?

1. F
2. C
3. G
4. Both F and G
5. None of these

Correct Option - 4

---

**Que. 29** How many such pairs of digits are there in the number '8943651424', each of which has as many digits between them as in the number series (both forward and backward direction) ?

1. 2
2. 4
3. 7
4. More than 7
5. 3

Correct Option - 4

---

**Que. 30** **Directions:** Study the following information carefully to answer the given questions:

R € 3 W 8 C \$ D © K 2 ® 7 T F 5 U £ Z 1 % 6 A @ X 4 Q H &

In the above arrangement, which of the following is the seventeenth element to the right of a symbol which is immediately followed by a digit and immediately preceded by an alphabet?

1. @
2. Z
3. 1
4. 5
5. £

Correct Option - 2

---

**Que. 31** How many letters are there in the above arrangement which is/are immediately followed by a symbol and immediately preceded by a digit?

1. Four
2. Three
3. Two
4. One
5. Zero

Correct Option - 2

---

**Que. 32** How many symbols are there in the above arrangement which is/are immediately followed and immediately preceded by a digit?

1. 5
2. 6
3. 7
4. 2
5. 9

Correct Option - 4

---

**Que. 33** If we drop all the symbols and letters from the above series, find the average of the digits that are at the third and seventh place from the left end in the new series.

1. 4
2. 5
3. 6
4. 7
5. 8

Correct Option - 1

---

**Que. 34** Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?

1. RW3
2. K7®
3. @Q4
4. 5Z£
5. Z6A

Correct Option - 5

---

**Que. 35** **Direction:** In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

**Statements:**

Only a few Pens are Pencil.

No Pencil is Ball.

**Conclusions:**

I. Some Pencil are Ball.

II. Some Pencil are not Ball.

1. Only conclusion I follows
2. Only conclusion II follows
3. Both conclusion I and II follow
4. Either conclusion I or II follows
5. Neither conclusion I nor II follows

Correct Option - 2

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**Que. 36** **DIRECTIONS:** In the question below are given two statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and the decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts.

**Statements:**

I. Only a few chairs are lights.

II. Some lights are not laptops.

**Conclusions:**

I. Some chairs are not laptops.

II. All chairs can never be lights.

1. Only conclusion I follows.
2. Only conclusion II follows.
3. Either conclusion I or conclusion II follows.
4. Neither Conclusion I nor conclusion II follows
5. Both the Conclusions follows

Correct Option - 2

---

**Que. 37** In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

**Statements:**

All drop is rain.

Only a few summer is rain.

Some winter is not summer.

**Conclusions:**

I. Some drop is winter.

II. No drop is winter.

1. Only II follows

- Both I and II follow
- Only I follows
- Either I or II follows
- None follows

Correct Option - 4

---

**Que. 38** **Directions:** Study the given information and answer the questions that follow.

Point A is 6 meters to the West of B while B is 4 meters to the North of C. G is 7 meters to the West of H and 9 meters to the North of F. E is 8 meters to the south of D. H is 2 meters North of I. F is 16 meters to the East of E. D is 6 meters to the West of C.

What is the shortest distance between C and E?

- 10 meters
- 12 meters
- 14 meters
- 8 meters
- None of these

Correct Option - 1

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**Que. 39** What is the direction of I with respect to D?

- East
- West
- South West
- South East
- North East

Correct Option - 4

---

**Que. 40** If a point X is laying in the South of H and East of C, What is the shortest distance between D and X?

- 25 m
- 23 m
- 24 m
- 28 m
- None of these

Correct Option - 2

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**Que. 41** The below table shows the number of male and females working in four different places K, L, M and N.

Name of the places	Males	Females
--------------------	-------	---------

K	850	750
L	770	720
M	820	900
N	640	700

Find the average number of males working in all the places K, L, M and N.

1. 780
2. 770
3. 850
4. 860
5. 820

Correct Option - 2

---

**Que. 42** Find the sum of the number of males working in place K, M and number of females in L and N.

1. 2760
2. 3090
3. 2460
4. 2240
5. 3460

Correct Option - 2

---

**Que. 43** 25% of the males working in place N is what percentage of the  $\frac{1}{5}$  th of the females working in place K

1. 115.97%
2. 110.89%
3. 106.667%
4. 102.77%
5. 123.89%

Correct Option - 3

---

**Que. 44**  $\frac{1}{11}$  of the males working in the places L is how much more or less than the  $\frac{1}{10}$  of the females working in places M.

1. 35
2. 25
3. 20
4. 30
5. 15

Correct Option - 3

---

**Que. 45** If 20% of males from place K and 25% of females from place L are married, find the sum of the number of unmarried males in place K and unmarried females from place L.

1. 1170
2. 1220
3. 1320
4. 1420
5. 1380

Correct Option - 2

---

**Que. 46** What will come in the place of the question mark '?' in the following question?  
 $(4/11)$  of 143 +  $(7/15)$  of 120 = 50% of (?)

1. 196
2. 216
3. 225
4. 206
5. 235

Correct Option - 2

---

**Que. 47** What approximate value should come in the place of the question mark '?' in the following question?  
 $11.11\%$  of 99.11 +  $22.22\%$  of 98.97 -  $9.99\%$  of 100 = ?

1. 34
2. 21
3. 23
4. 33
5. 20

Correct Option - 3

---

**Que. 48** What should come in the place of the question mark '?' in the following question?  
 $(5/6) + (7/5) + (2/3) + (3/10) = ? + (47/15)$

1.  $11/30$
2.  $1/15$
3.  $4/15$
4.  $7/30$
5. None of these

Correct Option - 2

---

**Que. 49** What will come in the place of the question mark '?' in the following question?

$$2\frac{3}{5} \times 1\frac{19}{26} \times 6\frac{2}{3} = ?$$

1. 10
2. 13
3. 12
4. 15
5. 30

Correct Option - 5

---

**Que. 50** What will come in the place of the question mark '?' in the following question?

$$(16)^2 \times (4)^4 \div (64)^2 = (4)^?$$

1. 6
2. 7
3. 5
4. 2
5. 3

Correct Option - 4

---

**Que. 51** What will come in the place of the question mark '?' in the following question?

$$230 + 40\% \text{ of } 45 - 55 \div 5 = ? - 216 \div 6$$

1. 233
2. 273
3. 263
4. 293
5. 303

Correct Option - 2

---

**Que. 52** What value should come in place of the question mark (?) in the following question?

$$16 \times 15 + 20\% \text{ of } 350 - \sqrt{225} \times 3 = 53\% \text{ of } ?$$

1. 500
2. 495
3. 485
4. 515
5. 525

Correct Option - 1

---

**Que. 53** What will come in the place of the question mark (?) in the following equation?

$$78 \times 16 + 285 + 648 - 17 \times 25 = ?$$

1. 1760
2. 1756
3. 1744
4. 1749
5. None of these

Correct Option - 2

**Que. 54** What will come in the place of the question mark '?' in the following question?

$$(953 + 487 - 220) \div 5 = 482 - 62 + ?$$

1. -165
2. -196
3. -176
4. -162
5. None of these

Correct Option - 3

**Que. 55** What will come in the place of the question mark '?' in the following question?

$$5.6 \div (0.8)^2 \times 6 - 225 \div 15 = ?$$

1. 32.5
2. 27.5
3. 31.5
4. 33.5
5. 37.5

Correct Option - 5

**Que. 56** What will come in the place of the question mark '?' in the following question?

$$125 \div 25\% \text{ of } 500 \times 2 + 800 \div 20 \times 5 = ? - 325$$

1. 525
2. 537
3. 555
4. 527
5. None of these

Correct Option - 4

What value will come in the place of the question mark '?' in the following question?



**Que. 57**  $20\% \text{ of } 800 + 16 \times 32 - 1/6 \text{ of } 1200 = 80 + ?$

1. 390
2. 388
3. 384
4. 389
5. 392

Correct Option - 5

---

**Que. 58** What value will come in the place of the question mark '?' in the following question?

$$45 \times 3 + 7 + ? + 36 \div 6 \times 9 = 100$$

1. 96
2. 100
3. 120
4. 110
5. -96

Correct Option - 5

---

**Que. 59** What value will come in the place of the question mark '?' in the following question?

$$2400 \div 12 - \{26 \times 6 + (32 - 5 \times 6)\} = ?$$

1. 45
2. 54
3. 42
4. 40
5. 39

Correct Option - 3

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**Que. 60** What value will come in the place of the question mark '?' in the following question?

$$(1700 + 1800 - 1300 + 1800) \div ? = 200 + (5)^2 + 25$$

1. 21
2. 16
3. 18
4. 22
5. 24

Correct Option - 2

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**Que. 61** The ratio of present age of A and B is 1 : 3 and the ratio of present age of A and C is 2 : 3. The difference between the present age of A and C is 2 years. 14 years hence, find the sum of their ages.

1. 70
2. 64
3. 60
4. 56
5. 68

Correct Option - 2

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**Que. 62** A and B entered into a partnership with 8 : 9 as the ratio of their investment, respectively. After 6 months A left the business. At the end of the year, total profit is 5200. Find the share of A.

1. 2300
2. 5000
3. 6500
4. 1600
5. None of these

Correct Option - 4

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**Que. 63** Ratio of milk and water in a mixture of 48 litres is 3 : 1. 10 litres of the mixture is taken out from the mixture and then 20 litres of water is added to it. Find the final difference between milk and water.

1. 2
2. 4
3. 3
4. 1
5. None of these

Correct Option - 4

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**Que. 64** The area of a rectangle is half of the area of a circle. The area of the circle is 154 square meters. If the breadth of the rectangle is  $\frac{1}{7}$  of the radius, what is the perimeter of the rectangle?

1. 154
2. 156
3. 158
4. 147
5. 163

Correct Option - 2

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**Que. 65** If the SI on a certain Sum when invested at 12% per annum for 3 years is Rs. 1440, then find the amount obtained on the same sum if it is invested at 10% compounded annually for 2 years.

1. Rs. 4040
2. Rs. 4800
3. Rs. 4000

4. Rs. 4840
5. Rs. 4900

Correct Option - 4

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**Que. 66** A shopkeeper gains 20% after selling a laptop on 12% discount, if the marked price of the laptop is Rs. 48,000 then find the cost price of the laptop.

1. Rs. 32,500
2. Rs. 35,200
3. Rs. 33,200
4. Rs. 36,800
5. Rs. 36,900

Correct Option - 2

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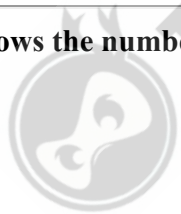
**Que. 67** Pipe A can fill a tank in 6 hours. Due to a leak at the bottom, it takes 9 hours for the pipe A to fill the tank. In what time can the leak alone empty the full tank.

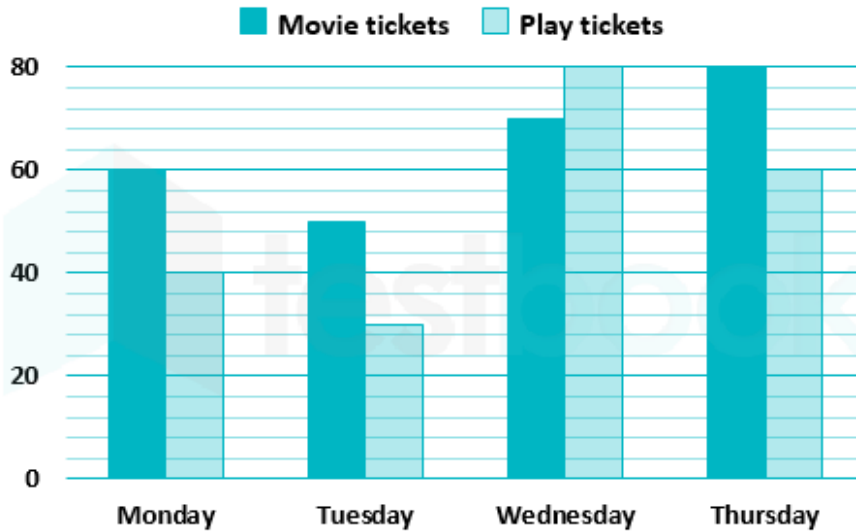
1. 54
2. 20
3. 15
4. 18
5. None

Correct Option - 4

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**Que. 68** The bar graph shows the number of play tickets and number of movie tickets sold in four different days





If 16.667% of the number of movie tickets sold on Monday are for movie A and  $\frac{1}{4}$ th of the number of play tickets sold on Thursday are for playing game P. Find the total tickets sold for movie A on Monday and game P on Thursday.

1. 10
2. 25
3. 20
4. 15
5. 30

Correct Option - 2

**Que. 69** For Friday, the number of play tickets sold was 30 more than that of Thursday and the number of movie tickets sold was 40 more than that of on Wednesday. Find the total number of tickets sold on Friday.

1. 210
2. 230
3. 190
4. 200
5. 160

Correct Option - 4

**Que. 70** Find the sum of the total number of movie tickets sold on Monday and Thursday and number of play tickets sold on Tuesday and Wednesday.

1. 240
2. 250
3. 210
4. 270
5. 200

Correct Option - 2

---

**Que. 71**  $\frac{1}{3}$  rd of movie tickets sold on Monday is what percentage of the  $\frac{1}{8}$  th of the play tickets sold on Wednesday.

1. 230%
2. 200%
3. 220%
4. 250%
5. 210%

Correct Option - 2

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**Que. 72** Find the difference between  $\frac{1}{2}$  of the total number of movie tickets sold in all the given days and  $\frac{1}{3}$  rd of play tickets sold in all the given days.

1. 80
2. 60
3. 120
4. 110
5. 100

Correct Option - 2

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**Que. 73** Find the wrong term in the following series.  
12, 25, 50, 150, 600, 3000

1. 12
2. 25
3. 50
4. 600
5. 150

Correct Option - 1

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**Que. 74** Find the wrong term in the following series.  
225, 204, 179, 146, 97, 10

1. 225
2. 204

3. 10
4. 97
5. 146

Correct Option - 3

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**Que. 75** Find the wrong term in the following series.  
25, 14, 14, 21, 42, 105

1. 14
2. 25
3. 21
4. 42
5. 105

Correct Option - 2

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**Que. 76** Find the wrong term in the following series.  
130, 154, 178, 204, 232, 262

1. 130
2. 154
3. 178
4. 204
5. 232

Correct Option - 1

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**Que. 77** Find the wrong term in the following series.  
29, 60, 31, 54, 35, 51

1. 29
2. 60
3. 31
4. 51
5. 35

Correct Option - 4

---

**Que. 78** The average weight of 15 students is reduced by 2 kg when one of them weighing 52 kg was replaced by a new student. Find the weight of the new student.

1. 36 kg
2. 22 kg
3. 42 kg

4. 32 kg
5. 40 kg

Correct Option - 2

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**Que. 79** A swimmer can swim at a speed of 12 km/h in still water. If a river is flowing at a speed of 2 km/h, then how much time will the swimmer take to swim 6 km upstream?

1. 40 min
2. 36 min
3. 28 min
4. 30 min
5. None of these

Correct Option - 2

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**Que. 80** Efficiency ratio of A, B and C is 2 : 3 : 5. C can fill the tank in 20 days. Time required for A and B to fill the tank is?

1. 15
2. 20
3. 25
4. 12
5. 18

Correct Option - 2



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