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80 Questions

Que. 1 **Directions:** Study the following information to answer the given Questions:

Seven persons A, B, C, D, E, F and G lives on seven different floors of 7-storey building from bottom to top such as ground floor is numbered as 1st and top floor is numbered as 7th. Each of them has mobiles of different companies – Apple, Lenovo, Moto, Oneplus, Samsung, Vivo and Xiomi.

C does not have Apple or Vivo mobile. C lives just above A's floor and neither has Moto or Lenovo mobile. D has Oneplus mobile and lives on 2nd floor. The person at the topmost floor has Moto mobile. The person, who has Lenovo mobile, lives three floors above E's floor. The one, who has Apple mobile, lives three floors above the one, who has Samsung mobile. The floors of F and B are adjacent to each other. E does not live on the first floor.

Who has Apple mobile?

1. E
2. B
3. G
4. A
5. None of the above

Correct Option - 4

Que. 2 Which mobile does G have?

1. Samsung
2. Vivo
3. Moto
4. Lenovo
5. None of the above

Correct Option - 1

Que. 3 How many persons live above E's floor?

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

Correct Option - 3

Que. 4 If F has Moto mobile the who has Lenovo mobile?

1. C
2. A
3. G
4. B
5. None of the above

Correct Option - 4

1. Three
2. Four
3. Six
4. Two
5. None of the above

Correct Option - 4

Que. 6 If it is possible to make a meaningful word from the third, sixth, eight and eleventh letters of the word 'DISTINGUISH' using each letter only once first letter of the word would be your answer. If more than one such word can be formed, your answer would be 'M' and if no such word can be formed, answer is 'X'

1. S
2. X
3. M
4. N
5. H

Correct Option - 1

Que. 7 How many such pairs of letters are there in the word 'PROTEST', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet?

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

Correct Option - 4

Que. 8 **Direction:** Study the information given below carefully and answer the question that follow.

Eight persons, A, B, C, D, E, F, G and H attend a seminar on different dates, 5th and 11th of different months, January, February, March and April in a year. Only one person attend the seminar on each day.

Four persons attend the seminar between H and A, who attends the seminar just before G. One person attends the seminar between G and E. B attends the seminar on 5th January. D attends the seminar after H. C doesn't attend the seminar in February. Exactly three persons don't attend the seminar between F and D.

How many persons attend the seminar before F?

1. 3
2. 5
3. 2
4. 4
5. Cannot be determined

Correct Option - 5

Que. 9 Who attends the seminar after H?

1. A
2. E

3. D
4. C
5. All of the above

Correct Option - 5

Que. 10 Who attends the seminar in April?

1. H
2. D
3. G
4. F
5. B

Correct Option - 3

Que. 11 How many persons attend the seminar between E and B?

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

Correct Option - 1

Que. 12 Find the odd one out?

1. HB
2. EC
3. AE
4. FE
5. GA

Correct Option - 4

Que. 13 **Directions:** These questions are based on the following information.

There are 7 members present – A, B, C, D, E, F, and G in a family of three generations in which three are married couples. C is the husband of F. D is the daughter of B. E has only one daughter. C is the son of A. E is the brother-in-law of G. B is the spouse of E. C is the grandson of E.

How B is related to G?

1. Mother
2. Sister
3. Daughter
4. Wife
5. Niece

Correct Option - 2

Que. 14 Who is mother-in-law of A?

1. E
2. D
3. G

4. B
5. F

Correct Option - 4

Que. 15 How F is related to D?

1. Daughter
2. Sister
3. Daughter-in-law
4. Mother
5. Granddaughter

Correct Option - 3

Que. 16 Directions: Read the information carefully and answer the following questions

A certain number of persons are sitting in a row. All of them are facing north. R is the third from the left. One person is sitting between R and T. Both R and T are not at an extreme end. Three people sit between T and O, who is not P's immediate neighbor. L sits to the immediate right of O. O sits at one end. Three people sit between L and N. One person sits between N and P who is sixth to the right of L. Two people sit between S and P. P sits to the left of S. E sits fourth from the right end. Two persons sit between E and K, and one of them is sitting at the right end. Four people sit between K and B. One person sits between B and H. The number of people seated between R and O corresponds to the number of people seated between S and H.

How many persons are sitting in the row?

1. 21
2. 23
3. 20
4. 22
5. None of these

Correct Option - 3

Que. 17 The number of persons sitting to the left of L is two less than the number of the persons sitting in the right of _____.

1. B
2. K
3. E
4. L
5. Cannot be determined

Correct Option - 3

Que. 18 What is the position of L with respect to H?

1. 11th to the left
2. 10th to the right
3. 8th to the right
4. 5th to the right
5. None of these

Correct Option - 1

Que. 19 If X is sitting 2nd from the right end, then how many persons are sitting between K and X?

1. 8
2. 3
3. 5
4. 0
5. 2

Correct Option - 4

Que. 20 **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.

Statement: $S < O \leq L = I > D$; $D > E = C > N$

Conclusion:

I. $N < L$

II. $D > S$

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

Correct Option - 1

Que. 21 **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 answer accordingly.

Statement: $D < S \leq E \geq C > F$; $F > O \geq P \geq M$

Conclusion:

I. $E < P$

II. $O < D$

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

Correct Option - 5

Que. 22 **Directions:** In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Statements: $O > R \geq I \geq G$; $I < N = A \leq L$

Conclusion:

I. $G \leq N$

II. $G < A$

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusions I and II are true

4. Either conclusion I or conclusion II is true
5. None of the conclusion is true

Correct Option - 2

Que. 23 **Directions:** In the following question assuming the given statements to be True, find which of the conclusion among given conclusions is / are definitely true and then give your answers accordingly.

Statements: $A > B > C$; $C \geq D$

Conclusions:

I. $A > D$

II. $A = D$

1. Only I is True.
2. Only II is True.
3. Both I and II are True.
4. Either I or II is True.
5. None of these

Correct Option - 1

Que. 24 **Direction:** Study the following information carefully and answer the questions based on it.

Twelve friends are sitting on a table in a restaurant in two parallel rows of chairs containing six people each, in such a way that there is equal distance between adjacent persons. In row 1: K, L, M, N, O and P are seated and all of them are facing south. In row 2: A, B, C, D, E and F are seated and all of them are facing north. Two persons sit between D and C. D and C faces M and N but not necessarily in the same order. O and L are immediate neighbor of N and one of them sits at an edge of the line. M sits fourth to the right of O. Person who sits second to the right of P is facing a person who is not an immediate neighbor of D. Persons sit between M and O are same as persons seating right to B who is not facing K. E sits somewhere left to F but not facing K.

Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

1. K – B
2. P – D
3. M – B
4. A – L
5. C – N

Correct Option - 3

Que. 25 Who sits in front of P?

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

Correct Option - 2

Que. 26 How many persons sit between K and N?

1. 3
2. 2

3. 4
4. 1
5. No one

Correct Option - 1

Que. 27 If D and C exchange their position then D faces the person who is second to the right of ____?

1. M
2. L
3. N
4. P
5. K

Correct Option - 2

Que. 28 Who sits between the person facing C and L?

1. K
2. M
3. P
4. N
5. L

Correct Option - 3

Que. 29 **Directions:** Read the following information carefully and answer the questions which follow:

M, N, O, P, Q, R, S and T are nine Trees. Tree M is 3 km west of N. P is 2 km north to M. Distance between P and O is 3 km which is to the east of P. Q is in south of O. Distance between O and Q is 6 km. N is in between O and Q. S is middle M and R. M and S are 2 km apart. T is 3 km west of S. U is in north of T. Distance between T and U is same as between S and P.

Distance between N and Q is?

1. 4 km
2. 0.5 km
3. 2 km
4. 3 km
5. 2.5 km

Correct Option - 1

Que. 30 Distance between M and R is?

1. 2 km
2. 3 km
3. 5 km
4. 2.5 km
5. 4 km

Correct Option - 5

Que. 31 Distance between T and U is?

1. 1 km
2. 0.5 km

3. 2 km
4. 4 km
5. 6 km

Correct Option - 4

Que. 32 **Directions:** Study the given information carefully and answer the following questions below.

8 different boxes named as B, F, J, O, S, U, W and Z are placed in the shelves, but not necessarily in the same order. Only one box is placed in each shelf. There is a number written on each shelf from 1 to 8. Number 1 is written on the lowermost shelf, number 2 is written on the shelf which is immediately above the shelf 1 and others are accordingly. There are at least 5 shelves above the box Z. There are three boxes between box J and Z. Box B is placed two places above the box J. There are four boxes between the box B and F. There are three shelves between the box O and W. Box W is neither placed at the bottom nor on the top. Box S is placed on one of the shelves which is below the box U but not at even number.

Which of the following is the correct position of box S?

1. Immediately above box Z
2. Immediately below box W
3. Two places below box U
4. Three places above box F
5. Placed at shelf 5

Correct Option - 2

Que. 33 Which box is placed at shelf 1?

1. Box B
2. Box F
3. Box O
4. Box W
5. Box Z

Correct Option - 5

Que. 34 Box U is placed at which of the following shelf?

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

Correct Option - 4

Que. 35 How many shelves are there between the box B and F?

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

Correct Option - 3

Que. 36 Which of the following combinations is/are not correct?

1. Box J, Shelf 5
2. Box S, Shelf 6
3. Box O, Shelf 7
4. Both 1) & 2)
5. Both 2) & 3)

Correct Option - 5

Que. 37 **Direction:** In the question below are given three 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

Some painters are scanner
Some scanners are mouse
No mouse is keyword

Conclusions

- I. Some painter are mouse
 - II. No painter is mouse
1. Only I follows
 2. Only II follows
 3. Both I and II follows
 4. Either I or II follows
 5. Neither I nor II follows

Correct Option - 4

Que. 38 **Direction:** In the question below are given three 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:

Some Ships are Boats.
All Boats are Submarine.
Only Submarines are Plane.

Conclusions:

- I. Some Ships being Plane is a possibility.
 - II. Some Ships are Submarine.
1. Only I follows
 2. Only II follows
 3. Both I and II follows
 4. Either I or II follows
 5. Neither I nor II follows

Correct Option - 2

Que. 39 **Direction:** In the question below are given three 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 telephone is mobile

No mobile is computer

All computer is Tv

Conclusions:

I. Some computer is telephone

II. Some Tv is not mobile

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

Correct Option - 2

Que. 40 **Direction:** In the question below are given three 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:

All wood is Fire

Only few air is water

Some Fire is air

Conclusions:

I. All wood can be water

II. Some water is Fire

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

Correct Option - 1

Que. 41 What approximate value should come in place of the question mark (?) in the following question?

$$(18.64)^2 + (8.32)^2 \div (1.85)^2 = ?^2 + (1.23)^2$$

1. 24
2. 19
3. 15
4. 22
5. 26

Correct Option - 2

Que. 42 What **approximate** value should come in place of question mark (?) in the following question? (You are not expected to calculate the exact value.)

$$(9.979)^3 - (23.99)^2 + (1.99)^5 = ?$$

1. 350

2. 490
3. 390
4. 420
5. 450

Correct Option - 5

Que. 43 What **approximate** value should come in place of question mark (?) in the following question? (You are not expected to calculate the exact value.)

$$2508 \div 15.02 + ? \times 11 = 200$$

1. 13
2. 8
3. 3
4. 4
5. 6

Correct Option - 3

Que. 44 **Direction:** What should come in place of question mark (?) in the following question? (You do not have to calculate the exact value.)

$$340.01/20.002 \div 29.899/510 \times 180.002/59.98 = (?)$$

1. 467
2. 967
3. 867
4. 997
5. 767

Correct Option - 3

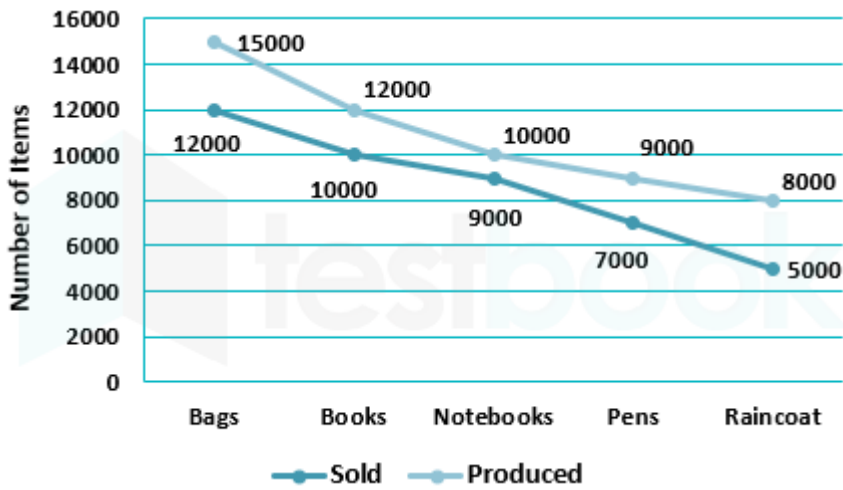
Que. 45 What approximate value should come in place of the question mark '?' in the following question?

$$(453.81 + 29.89)^{1/2} \div 10.85 = (0.1 \times ?) \div 4$$

1. 85
2. 8
3. 80
4. 0.8
5. 2

Correct Option - 3

Que. 46 **Direction:** Following line graph shows Number of produced and sold items in a shop. Study following graph and answer the following questions:



Which of the following pairs of items have maximum items unsold?

1. Bags and books
2. Notebooks and pens
3. Pens and bags
4. Books and pens
5. Raincoats and bags

Correct Option - 5

Que. 47 The total number of sold Items is approximately what percent less than the total number of produced items?

1. 11%
2. 20%
3. 23%
4. 34%
5. 17%

Correct Option - 2

Que. 48 The average sold items in a shop is –

1. 8600
2. 9700
3. 3300
4. 7500
5. 9000

Correct Option - 1

Que. 49 The number of unsold books is what percent of the total number of all produced items?

1. 4.9%
2. 2%
3. 8.5%
4. 3.7%
5. 6%

Correct Option - 4

Que. 50 The ratio of the number of unsold items of bags and books to the number of produced items of bags and books is –

1. 2 : 53
2. 1 : 9
3. 5 : 27
4. 2 : 27
5. 8 : 9

Correct Option - 3

Que. 51 In the following question two equations are given. You have to solve these equations and determine relation between x and y.

I. $x^2 - 6x - 280 = 0$

II. $y^2 + 44y + 420 = 0$

1. $x < y$
2. $x > y$
3. $x = y$ OR the relationship cannot be determined
4. $x \geq y$
5. $x \leq y$

Correct Option - 4

Que. 52 In the given question, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer -

I. $2a^2 + 43a - 120 = 0$

II. $2b^2 - 45b + 100 = 0$

1. $a < b$
2. $a > b$
3. $a = b$ OR the relationship cannot be determined
4. $a \leq b$
5. $a \geq b$

Correct Option - 4

Que. 53 In the following question, two equations are given. You have to solve these equations and determine relation between x and y.

I. $x^2 + 9x - 252 = 0$

II. $y^2 - 30y + 224 = 0$

1. $x < y$
2. $x > y$
3. $x = y$ OR the relationship cannot be determined
4. $x \geq y$
5. $x \leq y$

Correct Option - 1

Que. 54 In the given question, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer -

I. $3a^2 - 29a - 10 = 0$

II. $2b^2 - 13b - 7 = 0$

1. $a < b$
2. $a > b$
3. $a = b$ OR the relationship cannot be determined
4. $a \geq b$
5. $a \leq b$

Correct Option - 3

Que. 55 In the given question, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer-

I. $77x^2 + 18x + 1 = 0$

II. $3y^2 + 13y + 4 = 0$

1. $x < y$
2. $x > y$
3. $x = y$ OR the relationship cannot be determined
4. $x \geq y$
5. $x \leq y$

Correct Option - 2

Que. 56 **Directions:** Read the following table carefully and answer the questions given below.

The following table shows the number of orders received and the percentage of delivered orders from two different outlets named Zomato and Swiggy in five different cities.

Cities	Zomato		Swiggy	
	Number of Orders	Delivered Orders	Number of Orders	Delivered Orders
A	180	50%	240	30%
B	160	40%	80	75%
C	200	75%	150	40%
D	120	80%	180	60%
E	240	50%	280	50%

Find the total number of delivered orders in City E.

1. 240
2. 220
3. 180
4. 260
5. 320

Correct Option - 4

Que. 57 Find the ratio between the delivered orders in City D by Zomato to the delivered orders in City A by Swiggy.

1. 2 : 3
2. 4 : 1
3. 4 : 3
4. 5 : 3
5. 3 : 4

Correct Option - 3

Que. 58 Number of delivered orders by Zomato in City A is what percent of the number of delivered orders by Swiggy in City C?

1. 120%
2. 125%
3. 166.66%
4. 133.33%
5. 150%

Correct Option - 5

Que. 59 Find the average number of orders delivered by Zomato in all the cities together.

1. 108
2. 118
3. 114
4. 104
5. 96

Correct Option - 4

Que. 60 Number of orders delivered by Zomato in City D is how much percent more than the number of orders delivered by Swiggy in City B?

1. 60%
2. 50%
3. 66.66%
4. 33.33%
5. 40%

Correct Option - 1

Que. 61 A man invested Rs.10000 each in two banks at the same rate of 8% per annum for 2 years, but one at simple interest and the other is compounded annually. After 2 years, the total interest obtained is what percentage of the total sum invested?

1. 8%
2. 8.16%
3. 16%
4. 16.32%
5. 32%

Correct Option - 4

Que. 62 A carpet 90 cm wide is to be laid at Rs. 4.80 per metre in a room which is 10 m long. The total cost of carpeting is Rs. 960. What is the breadth of the room?

1. 17 m
2. 17.5 m
3. 18 m
4. 18.5 m
5. None of these

Correct Option - 3

Que. 63 A tanker contains a mixture of alcohol and water in the ratio 4 : 5. 10 liters of mixture is drained due to leakage. To compensate it, the driver mixed 10 liters of pure alcohol then the ratio becomes 2 : 1. Find the initial quantity of alcohol in the container.

1. $11\frac{1}{9}$ liters
2. $9\frac{1}{9}$ liters
3. $22\frac{1}{9}$ liters
4. $33\frac{1}{3}$ liters
5. $16\frac{2}{3}$ liters

Correct Option - 1

Que. 64 In the following number series, a wrong number is given. Find out the wrong number.
10, 26, 74, 218, 654, 1946, 5834

1. 26
2. 74
3. 218
4. 654
5. 1946

Correct Option - 4

Que. 65 In the following number series, a wrong number is given. Find out the wrong number.
5, 4, 10, 35, 96, 220

1. 35
2. 10
3. 4
4. 220
5. 96

Correct Option - 5

Que. 66 In the following number series, a wrong number is given. Find out the wrong number.
10, 30, 58, 95, 138, 190, 250

1. 58
2. 95
3. 138
4. 190
5. None of these

Correct Option - 2

Que. 67 In the following number series, a wrong number is given. Find out the wrong number.

3, 13, 33, 137, 681, 4090

1. 33
2. 681
3. 4090
4. 137
5. 13

Correct Option - 3

Que. 68 **Direction:** In the following number series, a wrong number is given. Find out the wrong number.

6, 3, 4.5, 6, 24, 192

1. 6
2. 3
3. 4.5
4. 192
5. 24

Correct Option - 3

Que. 69 The average age of a man and his wife at the time of their marriage was 27 years. After 4 years of marriage, they have a one-year-old child. The average age of the family now is?

1. 24 yrs
2. 23 yrs
3. 22 yrs
4. 19 yrs
5. 21 yrs

Correct Option - 5

Que. 70 If the discount on an item is increased by 2%, then the profit on it gets decreased from 33.33% to 30%. Find the ratio of marked price and cost price for this item.

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

Correct Option - 2

Que. 71 P, Q, R entered into a partnership for a year. The contribution of P and Q is $16x$ and $15x$, respectively. After six months, R joined them, who contributes ₹ 1550. At the end of a year, the profit share of R is ₹ 2,325, then, find the profit share of P (in ₹)?

1. $48x$
2. $72x$
3. $24x$
4. $54x$

5. None of these

Correct Option - 1

Que. 72 There are 5 departments in a company. There are total 110 employees in the HR department which is 25% of total employees in the company. $\frac{2}{11}$ of the total employees of the company are working in Finance department. Employees work in sales is 25% more than that in Finance department. Ratio between working in Housing and security department is 3 : 7. To find the number of employees working in Finance department is what percent more than of employees working in housing department?

1. 77.77%
2. 72.85%
3. 82.89%
4. 66.45%
5. 88.88%

Correct Option - 1

Que. 73 What is average number of employees working in sales, housing and security department?

1. 66.63
2. 78.56
3. 83.33
4. 78.96
5. None of these

Correct Option - 3

Que. 74 Number of employees in Security department in how much more than number of employees in finance department?

1. 30
2. 25
3. 45
4. 35
5. 40

Correct Option - 2

Que. 75 In a sales department, 35% are female employees then find total male employees working in sales department?

1. 55
2. 75
3. 85
4. 70
5. 65

Correct Option - 5

Que. 76 Ratio between total number male and female employees in Finance department is 3 : 5. Find total number of female employees working in Finance department?

1. 50
2. 30

3. 40
4. 65
5. None of these

Correct Option - 1

Que. 77 The speed of a boat in a river when going downstream is thrice of the speed when it goes upstream. If the speed of stream is halved, the boat takes 4 hours to travel 50 km downstream. What is the original speed of stream?

1. 5 km/hr
2. 2.5 km/hr
3. 7.5 km/hr
4. 12.5 km/hr
5. 10 km/hr

Correct Option - 1

Que. 78 A slower train is passed by a faster one in 72 seconds. The faster train has a length twice that of the slower one. They are running on parallel tracks. Their speeds are 28 m/s and 144 km/hr respectively. What is length of the faster train?

1. 288 m
2. 278 m
3. 556 m
4. 576 m
5. None of these

Correct Option - 4

Que. 79 Three pipes A, B and C can fill a cistern in 6 hours. After working together for 2 hours, C is closed and A and B fill the cistern in 8 hours. Then find the time in which the cistern can be filled by pipe C?

1. 9 hr
2. 10 hr
3. 12 hr
4. 15 hr
5. 17 hr

Correct Option - 3

Que. 80 A can do a piece of work in 30 days. He worked for it for 10 days and remaining work was finished by B in 20 days. Working together A and B can finish the work in:

1. 10 days
2. 15 days
3. 12 days
4. 30 days
5. 14 days

Correct Option - 2