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80 Questions

Que. 1 **Directions:** Study the information given below carefully and answer the questions that follows.

P, Q, R, S, T, U, V, W and X are nine houses. R is 5 km East of P. R is 2 km North of Q and W is 6 km South of R. T is 3 km West of W while S is 8 km East of T and U is 5 km North of T. X is situated just in middle of Q and R while Z is just in middle of W and S.

Minimum distance between T and Q is?

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

Correct Option - 3

Que. 2 Z is in which direction with respect to Q?

1. North
2. South-east
3. North-east
4. South-west
5. East

Correct Option - 2

Que. 3 If P moves 5 km east then turns right and walks 3 km. P stands between?

1. R and Q
2. Q and W
3. W and S
4. T and W
5. U and T

Correct Option - 2

Que. 4 What is the shortest distance between P and Q?

1. $\sqrt{29}$
2. $\sqrt{24}$
3. $\sqrt{20}$
4. $\sqrt{28}$
5. None of these

Correct Option - 1

Que. 5 In which direction is W standing with respect to U?

1. North
2. South East
3. South West
4. North West
5. South

Correct Option - 2

Que. 6 **Directions:** Study the information and answer the given questions:

There are seven boxes viz. A, B, C, D, E, F and G. All the boxes are arranged from top to bottom but not necessarily in the same order.

There are more than three boxes between box B and box G. There are two boxes between the box B and box E. There is only one box between box E and box G. There are three boxes between box G and box A. There are two boxes between box A and box C. More than three boxes between the box F and box A and F is not above G. Which of the following boxes is at the top?

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

Correct Option - 2

Que. 7 What is the position of box C from the top?

1. 5th
2. 2nd
3. 4th
4. 3rd
5. None of these

Correct Option - 1

Que. 8 Which of the following boxes is immediately above box D?

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

Correct Option - 5

Que. 9 How many box/es is/are there between D and the box which is 2nd from the bottom?

1. Four
2. Three
3. Two
4. One
5. No one.

Correct Option - 3

Que. 10 If B is related to D and E related to G in a certain way, then A is related to?

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

Correct Option - 2

Que. 11 **Directions:** In the question below is given two statements followed by two conclusions numbered I, 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 light is spring.

All spring is pen.

Conclusions:

I. Some spring is not light.

II. All spring being light is a possibility.

1. Only I follows
2. Only II follows
3. Both I and II follow
4. Neither I nor II follow
5. None of these

Correct Option - 2

Que. 12 **Directions:** In the question below is given two statements followed by two conclusions numbered I, 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 table is wood.

Some wood is red.

Conclusions:

- I. Some table is red.
- II. No table is red.

- 1. Only I follow
- 2. Only II follow
- 3. Both I and II follow
- 4. None follows
- 5. Either I or II follow

Correct Option - 5

Que. 13 **Directions:** In each of the questions below is given two statements followed by two conclusions numbered I, 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 tea is lottery.
- No lottery is money.

Conclusions:

- I. All lottery being tea is a possibility.
- II. All tea being money is a possibility.

- 1. None follows
- 2. Only I follow
- 3. Only II follow
- 4. Both I and II follow
- 5. Either I or II follow

Correct Option - 2

Que. 14 **Directions:** In each of the questions below is given two statements followed by two conclusions numbered I, 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 rose are flower.
- Some flower are bud.

Conclusions:

- I. Some rose are bud.
- II. Some rose are not flower.

- 1. None follows
- 2. Only I follow
- 3. Only II follow
- 4. Either I or II follow

5. Both I and II follow

Correct Option - 1

Que. 15 **Directions:** In each of the questions below is given two statements followed by two conclusions numbered I, 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 Delhi is Agra.

All Delhi is City.

Conclusions:

I. Some Agra is city.

II. All city being Delhi is a possibility.

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

Correct Option - 5

Que. 16 **Directions:** Study the following questions and answering the questions referring to the word sequence given below:

BAT MIX JOB GEM TAP

When first and third letter of each word is interchanged, then how many meaningful words will be formed?

1. Three
2. None
3. One
4. Two
5. None of these

Correct Option - 4

Que. 17 If each consonant is changed to the previous letter in the alphabetical series, then how many word/s contains the same vowel, more than once?

1. None
2. One
3. Two
4. Three
5. None of these

Correct Option - 2

Que. 18 If words are arranged in the sequence they appear in the dictionary from left to right, which word is third from the right end?

1. BAT
2. GEM
3. JOB
4. MIX
5. TAP

Correct Option - 3

Que. 19 If each letter in the each word is arranged according to the alphabetical series from left to right, and then first and second letter are interchanged in each word then how many meaning full word will be formed?

1. One
2. Two
3. None
4. More than three
5. None of these

Correct Option - 4

Que. 20 If all the letters are arranged according to the alphabetical series from left to right, which letter is eighth from left end?

1. E
2. M
3. J
4. B
5. None of these

Correct Option - 3

Que. 21 In the following question, a given question is followed by information in two statements. You have to decide the data in which statement (s) is sufficient to answer the question and mark your answer accordingly.

A, B, C, D, E, F, G and H are sitting in a straight line facing south. Who sits 3rd to the right of G?

I. R sits to the left of E.

II. On the extreme right end, E is placed. E is immediately followed by A or H. G sits third from the extreme left end.

1. The statement I alone is sufficient while statement II alone is not sufficient.
2. Statement II alone is sufficient while statement I alone is not sufficient.
3. Either statement I alone or statement II alone is sufficient to answer the question.
4. Neither statement I nor statement II is sufficient to answer the question.
5. Both statements I and statement II together are necessary to answer the question.

Correct Option - 4

Que. 22 **Direction:** The following question consists of two statements numbered I and II. Decide if data given in the statements are sufficient to answer the questions below.

Five persons A, B, C, D and E are residing in a building, which has five floors. Each one of them is residing in a floor. On which floor does D live?

- I. Two persons are living on the floors between B and E., while C lives on the top floor.
II. There is at least one person living above D, while A is not living below D.

1. I alone is sufficient and II is not sufficient
2. II alone is sufficient and I is not sufficient
3. I and II together are not sufficient
4. Each statement alone is sufficient
5. Both I and II together are sufficient

Correct Option - 5

Que. 23 **Direction:** The following question consists of three statements numbered I, and II. Decide if data given in the statements are sufficient to answer the questions below.

P, Q, R, S and T are sitting around a circle facing towards its centre. Who is second to the right of P?

- I. R is to the immediate left of T and second to the right of S.
II. Q is to the immediate right of S and third to the left of P.

1. Only I is sufficient
2. Only II is sufficient
3. Neither I nor II is sufficient
4. Data is insufficient
5. None of the above

Correct Option - 2

Que. 24 In the following question, a given question is followed by information in two statements. You have to decide the data in which statement (s) is sufficient to answer the question and mark your answer accordingly.

M, N, O, P, Q and R are sitting in a straight line facing north. Who is sitting exactly between P and N?

- I. Q sits at the extreme right end and P is his immediate neighbour.
II. N sits at the extreme left end. Between P and N exactly in the middle, R is placed.

1. The statement I alone is sufficient while statement II alone is not sufficient.
2. Statement II alone is sufficient while statement I alone is not sufficient.
3. Either statement I alone or statement II alone is sufficient to answer the question.
4. Neither statement I nor statement II is sufficient to answer the question.
5. Both statements I and statement II together are necessary to answer the question.

Correct Option - 2

Que. 25 **Directions:** The question below consists of two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements.

In a row of thirty students facing North, what is R's position from the left end?

I. There are twelve students between R and Q.

II. T is tenth from the right end and there are sixteen students between T and R.

1. Data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
2. Data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
3. Data either in statement I alone or in statement II alone are sufficient to answer the question.
4. Data given in both the statements I & II together are not sufficient to answer the question.
5. Data in both the statements I & II together are necessary to answer the question.

Correct Option - 2

Que. 26 **Direction:** Study the following series and answer the questions given below.

G ^ & S 5 A 6 B E @ A © H € ¥ % Q O + T Q 6 D Z ^ 3 8 L \$ E K S B 4 @ 1 S

How many even numbers are immediately followed by an alphabet?

1. None
2. Two
3. One
4. Three
5. More than three

Correct Option - 4

Que. 27 If all the elements in the above arrangement are shifted 3 places towards the right such that the last character becomes the third character, the second last character becomes the second character, then which of the following will be the twelfth from the left end?

1. @
2. B
3. E
4. A
5. None of these

Correct Option - 3

Que. 28 If all the symbols and alphabets are removed and all the numbers are added and multiplied by 4, what will be the number?

1. 36
2. 132
3. 40

4. 48
5. None of the above

Correct Option - 2

Que. 29 If every character is replaced by the character 2 places right of it such that those characters for which there are less than 2 places to the right are removed, then for how many cases will an alphabet be preceded and succeeded by a digit?

1. None
2. Two
3. One
4. Three
5. More than three

Correct Option - 3

Que. 30 Which of the following is the fifth to the right of the fourteenth element from the right end of the above arrangement?

1. \$
2. Z
3. ^
4. D
5. None of these

Correct Option - 1

Que. 31 **Directions:** Study the following information carefully and answer the given questions:

In a certain code language

‘She who knows Vikram’ is written as ‘am oc eh xm’,
‘Vikram was a bad driver’ is written as ‘xm hm al as xo’,
‘Karan knows Vikram’ is written as ‘xm eh lk’ and
‘who was driver of Karan’ is written as ‘lk hm oc ez xo’.
(All codes are two letter codes only.)

What is the code for ‘She’ in the given code language?

1. am
2. eh
3. oc
4. xm
5. hm

Correct Option - 1

Que. 32 What does the code 'oc' stand for?

1. who
2. knows
3. she
4. Vikram
5. Either 1 or 3

Correct Option - 1

Que. 33 In the given code language, which of the following means 'a bad driver'?

1. al as hm
2. as al xo
3. xo as hm
4. Either 1 or 2
5. xm hm al

Correct Option - 4

Que. 34 What is the code for 'driver'?

1. lk
2. xo
3. hm
4. ez
5. Either xo or hm

Correct Option - 5

Que. 35 What does the code 'al' stand for on the given code language?

1. Vikram
2. was
3. a
4. bad
5. Either a or bad

Correct Option - 5

Que. 36 **Directions:** Read the following information carefully and answer the questions that follow:

Eight people P, Q, R, S, T, U, V and W have their birthdays, but not necessarily in the same order, in eight different months of the same year, namely January, February, March, June, July, August, October and December.

W has birthday in the month of December. R has birthday in a month which has less than 31 days. Moreover, only two people have birthdays between R and S. Only one person has birthday before Q. Only three people have birthdays between Q and T. P has birthday immediately before T and both have birthdays in the months having

31 days. Number of people between P and V are same as number of people between V and U.
Whose birthday is in February?

1. R
2. T
3. S
4. Q
5. None of these

Correct Option - 4

Que. 37 S's birthday is in the month of?

1. June
2. February
3. October
4. August
5. None of these

Correct Option - 3

Que. 38 Who among the following has birthdays in the month of January and June respectively?

1. U, R
2. R, U
3. U, S
4. R, T
5. None of these

Correct Option - 1

Que. 39 How many people have birthdays between the month in which V and P have birthdays?

1. 2
2. 4
3. 3
4. No one
5. None of these

Correct Option - 5

Que. 40 Who has birthday before T but after R?

1. S
2. U
3. P
4. Q

5. None of these

Correct Option - 3

Que. 41 If 10 litres of milk-water mixture in ratio 3 : 2 is mixed with 10 litres of another milk-water mixture in ratio 4 : 1, then find the quantity of water in the new mixture.

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

Correct Option - 4

Que. 42 In a festival season sale, a pair of jeans is sold at successive discounts of 20%, 30% and 50%. What will be its selling price if the marked price is Rs. 2000?

1. Rs. 560
2. Rs. 60
3. Rs. 1440
4. Rs. 2000
5. Rs. 840

Correct Option - 1

Que. 43 The speed of a boat is 60 m/hr. If the boat can travel 15 m downstream in the same time as it can travel 10 m upstream, find the speed of current.

1. 10 m/hr
2. 5 m/hr
3. 12 m/hr
4. 6 m/hr
5. 15 m/hr

Correct Option - 3

Que. 44 A circle and a square have the same perimeter. The side of the square is 22 cm. What is the area of the circle?

1. 418 cm²
2. 616 cm²
3. 542 cm²
4. 624 cm²
5. 718 cm²

Correct Option - 2

Que. 45 A shopkeeper purchases article and marks up the price of his articles by 60% and then offers a discount of 25% to his customer. What is his profit or loss percentage?

1. 20% loss
2. 45% gain
3. 20% gain
4. 30% gain
5. 40% loss

Correct Option - 3

Que. 46 On a sum of Rs. 6500, if the difference between the simple interest after 5 years and 2 years is Rs. 1560, find the rate of interest.

1. 4%
2. 6%
3. 8%
4. 10%
5. 12%

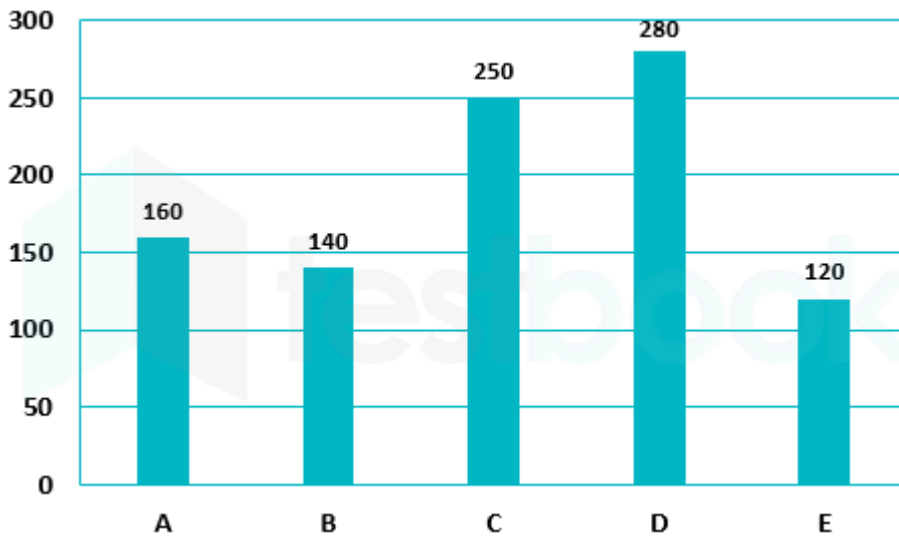
Correct Option - 3

Que. 47 Two pipes can fill a cistern in 25 min and 20 min respectively. A third pipe can empty it in 10 minutes. Find out how much time will it take to empty a filled cistern, if all the pipes are opened all together?

1. 80 min
2. 75 min
3. 50 min
4. 100 min
5. None of these

Correct Option - 4

Que. 48 The bar graph given below shows production (in cr. units) of five different companies in the month of 'June'. Read the data carefully and answer the questions.



Find the ratio between total production of A & B to total production of D & E?

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

Correct Option - 3

Que. 49 Total production of company C is what percent more than that of company B?

1. 78.57%
2. 76.67%
3. 66.67%
4. 63.33%
5. None of these

Correct Option - 1

Que. 50 If the total production of B & D increased by 25% and 30% respectively in the month of July over June, then find the total production of B & D in the month of July (in units)?

1. 548 cr.
2. 541 cr.
3. 560 cr.
4. 539 cr.
5. None of these

Correct Option - 4

Que. 51 If the total production of company X in June is 16% more than that of C, then find the average production of company X & C in the month of June?

1. 270 cr.
2. 280 cr.
3. 240 cr.
4. 260 cr.
5. None of these

Correct Option - 1

Que. 52 If the production of company E is increased by 10% in the next month for two successive months after June, then find the total production of company E in August is what per cent more than the total production of company E in the month of June?

1. 4.78%
2. 7.2%
3. 8.8%
4. 21%
5. None of these

Correct Option - 4

Que. 53 Rohit started a business by investing Rs. 72,000. After 4 months, Raj joined him with some investment. At the end of the year, the total profit was divided between them in the ratio 9 : 7. How much capital was invested by Raj in the business?

1. 84,000
2. 864,000
3. 672,000
4. 708,000
5. None of these

Correct Option - 1

Que. 54 The sum of lengths of a train and a platform is 800 meters. The train crosses the platform in 32 seconds and crosses a man standing on platform in 20 seconds. Find the length of the platform.

1. 200 metres
2. 240 metres
3. 272 metres
4. 300 metres
5. 400 metres

Correct Option - 4

Que. 55 What should come in place of question mark '?' in the following number series?
156, 139, 126, 115, 108, ?

1. 98
2. 101
3. 107
4. 102
5. 103

Correct Option - 5

Que. 56 What should come in place of question mark '?' in the following number series?
4, 19, 75, 224, 447, ?

1. 446
2. 456
3. 415
4. 425
5. 444

Correct Option - 1

Que. 57 What should come in place of question mark '?' in the following number series?
24, 30, 23, 31, 22, ?

1. 34
2. 33
3. 42
4. 32
5. 52

Correct Option - 4

Que. 58 What should come in place of question mark '?' in the following number series?
6, 6, 9, 18, 45, ?

1. 135
2. 155
3. 145
4. 165
5. 125

Correct Option - 1

Que. 59 What should come in place of question mark '?' in the following number series?
4, 12, 36, 108, 324, ?

1. 842

2. 972
3. 934
4. 876
5. 956

Correct Option - 2

Que. 60 A shopkeeper marked goods at Rs. 7000 and discounted them at 20%. A customer can avail 10% extra discount on being regular customer. Though, customer got discount of 15% instead of 10% discount. Shopkeeper still managed to earn a profit of 8%. What is the cost price of goods?

1. 4407.41
2. 4852.25
3. 4365.75
4. 4956.75
5. 4122.76

Correct Option - 1

Que. 61 What will come in place of the question mark '?' in the following question?

$$2.75 + 67.25 - 25.90 + 81.25 \times 3 - 82.45 \times 2 = ? \div 2$$

1. 429.2
2. 245.9
3. 125.50
4. 123
5. 169.2

Correct Option - 2

Que. 62 In the following question, what will come in place of the question mark (?)

$$(0.027) \times (0.3)^5 = (0.3)^? \times (0.0081)^2$$

1. 2
2. 5
3. 7
4. 6
5. 0

Correct Option - 5

Que. 63 What will come in place of question mark (?) in the following question?

$$12 \times 117 \div 9 + 206 = 20 + ? \times 4$$

1. 83.5

2. 87.5
3. 86.5
4. 85.5
5. 84.5

Correct Option - 4

Que. 64 What will come in place of question mark (?) in the following question?

$$35 \times 35 \div 70 + 16 \times 50 = ?$$

1. 817.5
2. 500
3. 812.25
4. 800.5
5. None of these

Correct Option - 1

Que. 65 What will come in place of question mark (?) in the following question?

$$80 + 8 \times 10 \div (180 \div 36) = ?$$

1. 86
2. 80
3. 96
4. 92
5. None of these

Correct Option - 3

Que. 66 What will come in place of question mark (?) in the following question?

$$(54 \times 68) \div 72 + 84 \div 14 = ?$$

1. 55
2. 44
3. 57
4. 32
5. None of these

Correct Option - 3

Que. 67 What will come in place of question mark (?) in the following question?

$$21.467 + 41.57 - 12.840 - 1.999 = ?$$

1. 48.198
2. 48

3. 48.5
4. 47.198
5. None of these

Correct Option - 1

Que. 68 What will come in place of the question mark '?' in the following question?

$$\sqrt{2304} - 24\% \text{ of } 15 \times 1.75 - 3^3 = ?$$

1. 12.74
2. 19.41
3. 14.70
4. 15.176
5. 19.945

Correct Option - 3

Que. 69 What will come in place of question mark in the following question?

$$\sqrt{5476} \times 27 + 199 = ?^3$$

1. 12
2. 17
3. 11
4. 13
5. None of the above

Correct Option - 4

Que. 70 What will come in place of question mark(?) in the following question?

$$345 \div 30 + 450 \div 36 = ? - 12\% \text{ of } 30$$

1. 18.2
2. 20.5
3. 13.5
4. 27.6
5. 29.8

Correct Option - 4

Que. 71 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. $a^2 + 10a + 21 = 0$

II. $28b^2 + 15b + 2 = 0$

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

Correct Option - 1

Que. 72 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. $a^2 - 58a - 120 = 0$

II. $20b^2 + 26b - 6 = 0$

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

Correct Option - 5

Que. 73 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. $a^2 - 8a + 12 = 0$

II. $8b^2 + 10b + 3 = 0$

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

Correct Option - 2

Que. 74 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. $16a^2 - 52a + 22 = 0$

II. $30b^2 + 56b + 10 = 0$

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

Correct Option - 2

Que. 75 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. $a^2 + 36a + 324 = 0$

II. $b^2 - 35b + 96 = 0$

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

Correct Option - 1

Que. 76 **Direction:** Read the data carefully and answer the question.

Mr. 'A' type Different number of Words per Day. He worked for four days. The number of words typed by him on three different days: Monday, Tuesday, and Wednesday are in the ratio 3 : 4 : 2. Also number of words typed by Mr. 'A' on Sunday is 30% of the total words typed in four days. The no. of words typed by Mr. 'A' on Wednesday is 560.

Find difference between total words type by Mr. 'A' on Sunday & Wednesday.

1. 540
2. 530
3. 580
4. 520
5. None of these

Correct Option - 4

Que. 77 Find average number of words type by Mr. 'A' on Sunday, Wednesday & Tuesday.

1. 920
2. 890
3. 880
4. 910
5. 900

Correct Option - 1

Que. 78 If ratio between total number of words type by Mr. 'A' & Mr. 'Y' on Monday is 2 : 3, then find total words type by Mr. 'Y' on Monday?

1. 1220
2. 1200
3. 1260

4. 1230
5. 1280

Correct Option - 3

Que. 79 Find ratio between total words type by Mr. 'A' on Sunday to total words typed by Mr. 'X' on same day, if total words typed by Mr. 'X' on Sunday is 25% less than total words type by Mr. 'A' on Tuesday?

1. 9 : 8
2. 9 : 7
3. 1 : 1
4. 3 : 7
5. 1 : 3

Correct Option - 2

Que. 80 If total words typed by Mr. 'Z' in four days is 200% more than total words type by Mr. 'A' on Monday, then find total words typed by Mr. 'Z' is what percent less than total words type by Mr. 'A' ?

1. 35%
2. 30%
3. 40%
4. 20%
5. 25%

Correct Option - 2



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