

Started on	Tuesday, 2 January 2024, 4:34 PM
State	Finished
Completed on	Tuesday, 2 January 2024, 4:59 PM
Time taken	25 mins
Marks	9.00/25.00
Grade	3.60 out of 10.00 (36%)

Question 1

Incorrect

Mark 0.00 out of 1.00

Each of the questions below consists of a question and 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 and answer the questions.

In a college, five different subjects, viz Physics, Chemistry, Botany, Zoology and Mathematics, are taught on five different days of the same week, starting from Monday and ending on Friday. Is Chemistry taught on Wednesday?

I. Two subjects are taught between Zoology and Mathematics. Mathematics is taught before Zoology. Chemistry is taught on the day immediately next to the day when physics is taught. Botany is taught on Friday.

II. Three lectures are scheduled between the lectures of Botany and Zoology Mathematics is taught immediately before Physics.

Select one:

- ☐ if the data in both the statements I and II together are necessary to answer the question.
- ☐ if the data either in statement I alone or in statement II alone are sufficient to answer the question; and
- ☐ if the data given in both the statements I and II together are not sufficient to answer the question; and
- ☒ if the data in statement I alone is sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question. ✗
- ☐ if the 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.

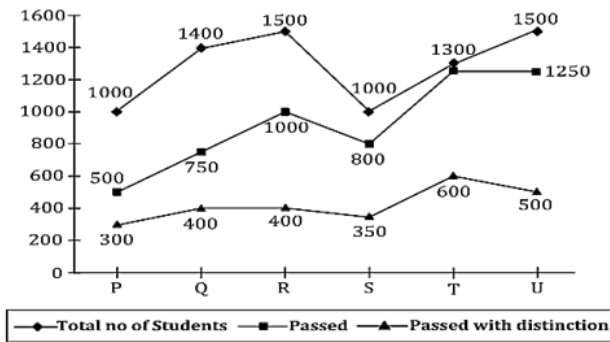
The correct answer is:
if the data either in statement I alone or in statement II alone are sufficient to answer the question; and

Question 2

Incorrect

Mark 0.00 out of 1.00

Answer these questions based on the following line graph which shows the performance of students of six schools P, Q, R, S, T and U in a board exam.



Considering all the six schools, what percentage of the students has passed with distinction?

Select one:

- ☐ 33.8%
☐ 33.1%
☒ 34.2% ✗
☐ 35.6%

The correct answer is:
33.1%

Question 3

Incorrect

Mark 0.00 out of 1.00

Each of the questions below consists of a question and 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 and answer the questions.

Is it 9 o'clock now?

- I. After half an hour, the minute and the hour hands of the clock will make an angle of exactly 90° with each other.
 II. Exactly 15 minutes ago, the minute and the hour hands of the clock coincided with each other.

Select one:

- ☐ if the data either in statement I alone or in statement II alone are sufficient to answer the question; and
☐ if the data given in both the statements I and II together are not sufficient to answer the question; and
☐ if the data in both the statements I and II together are necessary to answer the question.
☐ if the data in statement I alone is sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
☒ if the 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. ✗

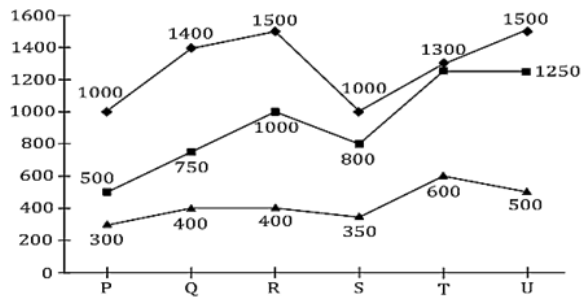
The correct answer is:
if the data either in statement I alone or in statement II alone are sufficient to answer the question; and

Question 4

Correct

Mark 1.00 out of 1.00

Answer these questions based on the following line graph which shows the performance of students of six schools P, Q, R, S, T and U in a board exam.



In which of the following schools is the ratio of the number of students passing with distinction to those failing, the least?

Select one:

- ☐ Q
- ☒ P ✓
- ☐ R
- ☐ T

The correct answer is:

P

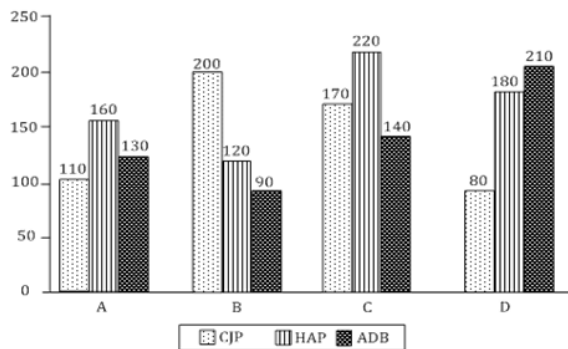
Question 5

Correct

Mark 1.00 out of 1.00

Study the following graph to answer the questions below.

Only four parties CJP, HAP, ADB, CJB contested the election in each of the four constituencies A, B, C and D in which the elections were held in 2007. The following graph gives the number of votes secured (in thousands) by the candidates of CJP, HAP, ADB in each of the constituencies.



Note: The total number of votes polled in the 4 constituencies are as follows

A – 450000

B – 500000

C – 600000

D – 575000

In which constituency did CJB get the minimum number of votes?

Select one:

- ☒ A ✓
- ☐ D
- ☐ B
- ☐ C

The correct answer is:

A

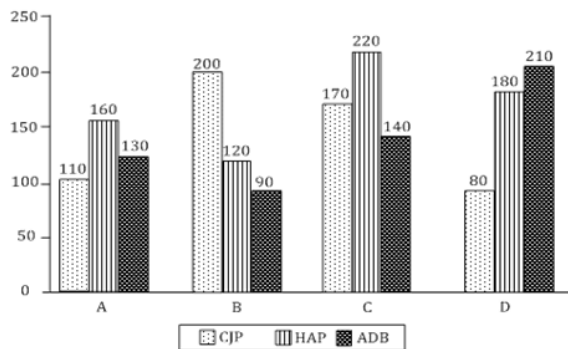
Question 6

Incorrect

Mark 0.00 out of 1.00

Study the following graph to answer the questions below.

Only four parties CJP, HAP, ADB, CJB contested the election in each of the four constituencies A, B, C and D in which the elections were held in 2007. The following graph gives the number of votes secured (in thousands) by the candidates of CJP, HAP, ADB in each of the constituencies.



Note: The total number of votes polled in the 4 constituencies are as follows

A – 450000

B – 500000

C – 600000

D – 575000

The number of votes secured by HAP in B is what percentage of the number of votes it received in A, B, C and D put together?

Select one:

- ☐ 20.8%
- ☐ 17.6%
- ☐ 15.8%
- ☒ 14.3% ✖

The correct answer is:

17.6%

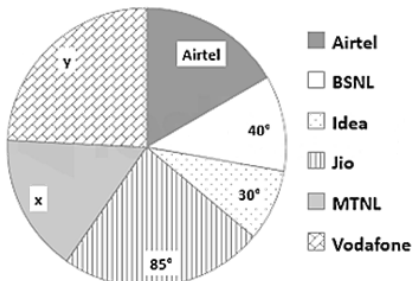
Question 7

Incorrect

Mark 0.00 out of 1.00

The following pie chart shows the degree of new users in telecom sectors in 2020. The number of new users of Airtel is twice the number of new users of Idea. The ratio of the number of new users of MTNL (x) to the number of new users of Vodafone 🍌 is 2:3. Total number of new users in telecom sectors all over India in 2020 = 720000

**Number of new users in telecom sectors
all over India in 2020**



What is the percentage of the number of new users of Jio to the number of new users of MTNL in 2020 (in approximate).

Select one:

- ☐ 325%
- ☒ 151.2% ✖
- ☐ 146.5%
- ☐ 68%

The correct answer is:
146.5%

Question 8

Correct

Mark 1.00 out of 1.00

Each of the questions below consists of a question and two statements numbered I and II are given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and answer the question.

How is 'sure' written in a code language?

I. 'he is sure' written as 'ja ha main that code language.

II. 'is she sure' written as 'Ka ja main that code language.

Select one:

- ☐ if the 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.
- ☐ if the data in Statement I alone or in Statement II alone are sufficient to answer the question.
- ☐ if the data in Statements II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
- ☒ if the data in both the Statements I and II are not sufficient to answer the question. ✔
- ☐ if the data in both the Statements I and II are sufficient to answer the question.

The correct answer is:
if the data in both the Statements I and II are not sufficient to answer the question.

Question 9

Incorrect

Mark 0.00 out of 1.00

Each of the questions below consists of a question and 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 and answer the questions.

Is F granddaughter of B?

I. B is the father of M. M is the sister of T. T is the mother of F.

II. S is the son F. V is the daughter of F. R is the brother of T.

Select one:

- ☐ if the data given in both the statements I and II together are not sufficient to answer the question; and
- ☐ if the 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.
- ☐ if the data either in statement I alone or in statement II alone are sufficient to answer the question; and
- ☒ if the data in statement I alone is sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question. ✗
- ☐ if the data in both the statements I and II together are necessary to answer the question.


The correct answer is:

if the data given in both the statements I and II together are not sufficient to answer the question; and

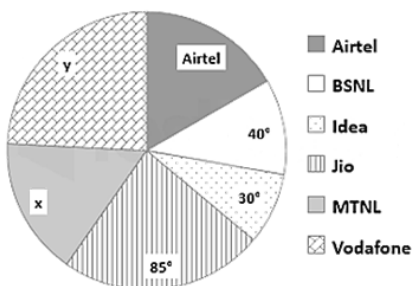
Question 10

Correct

Mark 1.00 out of 1.00

The following pie chart shows the degree of new users in telecom sectors in 2020. The number of new users of Airtel is twice the number of new users of Idea. The ratio of the number of new users of MTNL (x) to the number of new users of Vodafone  is 2:3. Total number of new users in telecom sectors all over India in 2020 = 720000

**Number of new users in telecom sectors
all over India in 2020**



Find the difference between the new users of MTNL and Vodafone in 2020.

Select one:

- ☐ 48,000
- ☐ 59,000
- ☒ 68,000 ✓
- ☐ 58,000

The correct answer is:

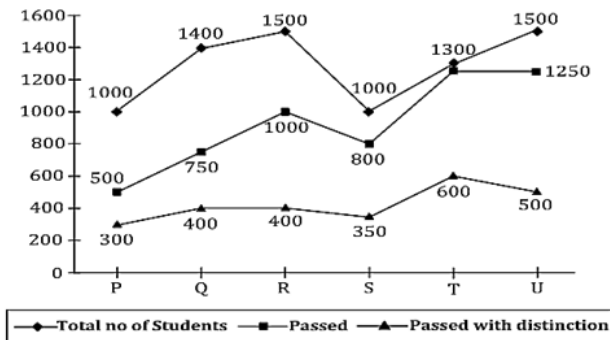
68,000

Question 11

Correct

Mark 1.00 out of 1.00

Answer these questions based on the following line graph which shows the performance of students of six schools P, Q, R, S, T and U in a board exam.



In which of the following schools is the percentage of students passing without distinction, the least?

Select one:

- ☒ P ✓
- ☐ S
- ☐ R
- ☐ U

The correct answer is:

P

Question 12

Incorrect

Mark 0.00 out of 1.00

Each of the questions below consists of a question and 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 and answer the questions.

Are all the five friends – A, B, C, D and E – who are seated around a circular table facing the centre?

I. A sits to the left of B. B faces the centre. D and E are immediate neighbours of each other. C sits second to the right of E.

II. D sits second to right of C. C faces the centre. Both E and A are immediate neighbours of D. B sits second to the right of A.

Select one:

- ☒ if the data in both the statements I and II together are necessary to answer the question. ✗
- ☐ if the data either in statement I alone or in statement II alone are sufficient to answer the question; and
- ☐ if the data given in both the statements I and II together are not sufficient to answer the question; and
- ☐ if the 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.
- ☐ if the data in statement I alone is sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

The correct answer is:

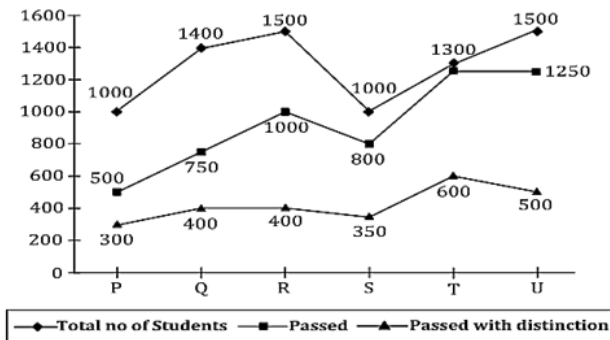
if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

Question 13

Incorrect

Mark 0.00 out of 1.00

Answer these questions based on the following line graph which shows the performance of students of six schools P, Q, R, S, T and U in a board exam.



What is the ratio of the total number of students who failed to those who passed, in all the six schools together?

Select one:

- ☐ 21:37
☐ 43:111
☒ 43:121 ✖
☐ 21:38

The correct answer is:
43:111

Question 14

Correct

Mark 1.00 out of 1.00

Each of the questions below consists of a question and two statements numbered I and II are given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and answer the question.

Town P is towards which direction of town T?

- I. Town T is towards South of town K, which is towards West of town P.
 II. Town R is towards South of town V, and towards East of town P.

Select one:

- ☒ if the 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. ✓
☐ if the data in Statement I alone or in Statement II alone are sufficient to answer the question.
☐ if the data in both the Statements I and II are sufficient to answer the question.
☐ if the data in both the Statements I and II are not sufficient to answer the question.
☐ if the data in Statements II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.

The correct answer is:

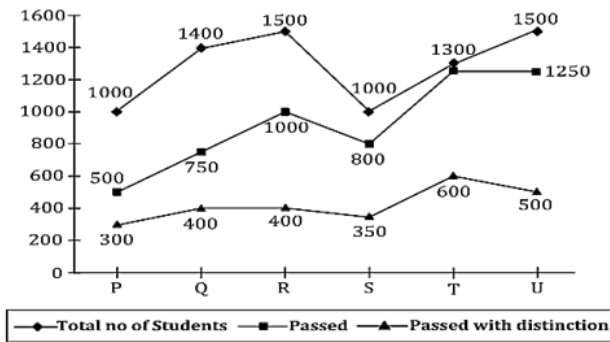
if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.

Question 15

Incorrect

Mark 0.00 out of 1.00

Answer these questions based on the following line graph which shows the performance of students of six schools P, Q, R, S, T and U in a board exam.



How many schools is the pass percentage at least 80?

Select one:

- ☐ 3
☒ 4 ✖
☐ 2
☐ 1

The correct answer is:

3

Question 16

Correct

Mark 1.00 out of 1.00

Each of the questions below consists of a question and two statements numbered I and II are given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and answer the question.

What is R's position from the left end in a row?

- I. M is tenth from the left end of the row.
 II. There are sixteen children between M and R.

Select one:

- ☐ if the 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.
☐ if the data in both the Statements I and II are not sufficient to answer the question.
☐ if the data in Statement I alone or in Statement II alone are sufficient to answer the question.
☐ if the data in Statements II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
☒ if the data in both the Statements I and II are sufficient to answer the question. ✔

The correct answer is:

if the data in both the Statements I and II are sufficient to answer the question.

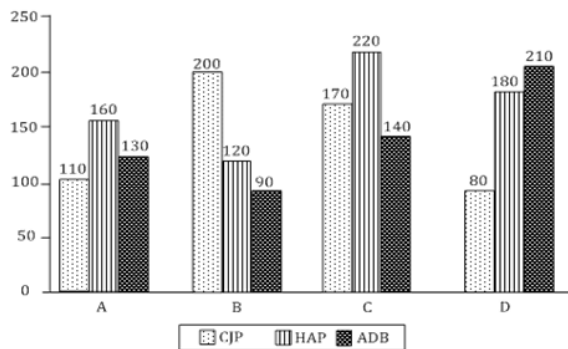
Question 17

Incorrect

Mark 0.00 out of 1.00

Study the following graph to answer the questions below.

Only four parties CJP, HAP, ADB, CJB contested the election in each of the four constituencies A, B, C and D in which the elections were held in 2007. The following graph gives the number of votes secured (in thousands) by the candidates of CJP, HAP, ADB in each of the constituencies.



Note: The total number of votes polled in the 4 constituencies are as follows

A – 450000

B – 500000

C – 600000

D – 575000

What is the difference between the number of votes secured by HAP in B and C together and that by ADB in A and D together?

Select one:

- ☐ None of these
- ☐ 10,000
- ☒ 50,000 ✖
- ☐ 20,000

The correct answer is:

None of these

Question 18

Incorrect

Mark 0.00 out of 1.00

Each of the questions below consists of a question and two statements numbered I and II are given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and answer the question.

Among P Q, R, S and T each having different age. Who is the youngest among them?

I. Q is the younger than only P.

II. S is older than only R.

Select one:

- ☐ if the data in Statement I alone or in Statement II alone are sufficient to answer the question.
- ☐ if the data in both the Statements I and II are not sufficient to answer the question.
- ☐ if the data in Statements II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
- ☐ if the 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.
- ☒ if the data in both the Statements I and II are sufficient to answer the question. ✖

The correct answer is:

if the data in Statements II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.

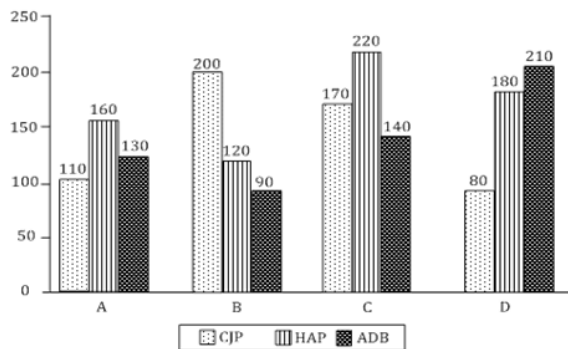
Question 19

Correct

Mark 1.00 out of 1.00

Study the following graph to answer the questions below.

Only four parties CJP, HAP, ADB, CJB contested the election in each of the four constituencies A, B, C and D in which the elections were held in 2007. The following graph gives the number of votes secured (in thousands) by the candidates of CJP, HAP, ADB in each of the constituencies.



Note: The total number of votes polled in the 4 constituencies are as follows

A – 450000

B – 500000

C – 600000

D – 575000

In how many constituencies are the votes received by CJB as a percentage of the total votes cast in that constituency more than 17%?

Select one:

- ☐ 0
- ☐ 3
- ☐ 1
- ☒ 2 ✓

The correct answer is:

2

Question 20

Incorrect

Mark 0.00 out of 1.00

Each of the questions below consists of a question and 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 and answer the questions.

Which Bag amongst P, Q, R, S and T is the heaviest?

I. Bag Q is heavier than R and S. Bag T is heavier than only bag P.

II. Only three bags are lighter than R. The weight of bag Q is 50 kg, which is 2 kg more than bag R.

Select one:

- ☐ if the data either in statement I alone or in statement II alone are sufficient to answer the question; and
- ☐ if the data in both the statements I and II together are necessary to answer the question.
- ☐ if the data given in both the statements I and II together are not sufficient to answer the question; and
- ☒ if the 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. ✗
- ☐ if the data in statement I alone is sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

The correct answer is:

if the data either in statement I alone or in statement II alone are sufficient to answer the question; and

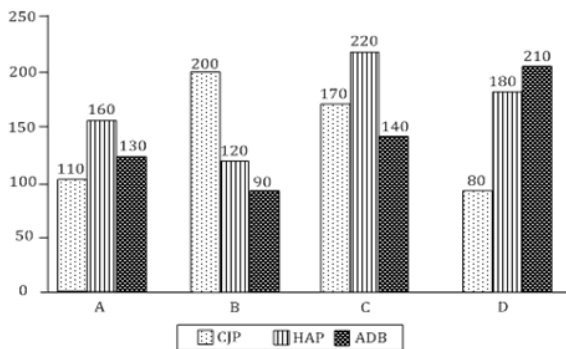
Question 21

Incorrect

Mark 0.00 out of 1.00

Study the following graph to answer the questions below.

Only four parties CJP, HAP, ADB, CJB contested the election in each of the four constituencies A, B, C and D in which the elections were held in 2007. The following graph gives the number of votes secured (in thousands) by the candidates of CJP, HAP, ADB in each of the constituencies.



Note: The total number of votes polled in the 4 constituencies are as follows

A – 450000

B – 500000

C – 600000

D – 575000

What is the ratio of number of votes secured by HAP in B and D to that secured by CJB in A and C?

Select one:

- ☐ 5:4
- ☒ 5:3 ✖
- ☐ 5:2
- ☐ 3:2

The correct answer is:

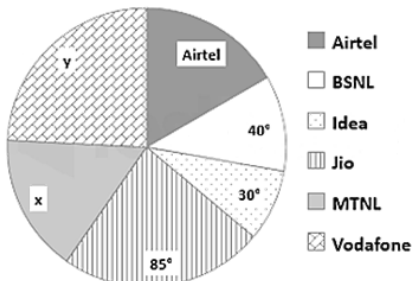
5:2

Question 22

Incorrect

Mark 0.00 out of 1.00

The following pie chart shows the degree of new users in telecom sectors in 2020. The number of new users of Airtel is twice the number of new users of Idea. The ratio of the number of new users of MTNL (x) to the number of new users of Vodafone 🍷 is 2:3. Total number of new users in telecom sectors all over India in 2020 = 720000

**Number of new users in telecom sectors
all over India in 2020**

If the total number of users in 2021 will be increased by 10%. Find the ratio of total number of new users of BSNL in 2020 and total number of new users of Jio in 2021.

Select one:

- ☐ 3:5
- ☐ 187:57
- ☒ 57:181 ✖
- ☐ 80:187

The correct answer is:

80:187

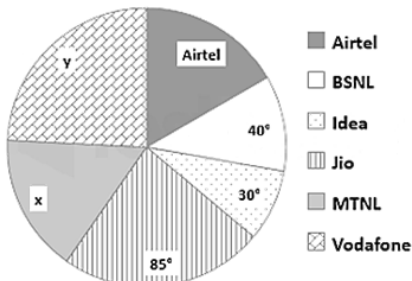
Question 23

Correct

Mark 1.00 out of 1.00

The following pie chart shows the degree of new users in telecom sectors in 2020. The number of new users of Airtel is twice the number of new users of Idea. The ratio of the number of new users of MTNL (x) to the number of new users of Vodafone 🍌 is 2:3. Total number of new users in telecom sectors all over India in 2020 = 720000

**Number of new users in telecom sectors
all over India in 2020**



By what percentage new users of BSNL are less than the new users of Airtel in 2020.

Select one:

- ☐ 50%
- ☐ 75%
- ☐ 79%
- ☒ 33.33% ✓

The correct answer is:
33.33%

Question 24

Incorrect

Mark 0.00 out of 1.00

Each of the questions below consists of a question and two statements numbered I and II are given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and answer the question.

On which day of the week did Sourav visit Delhi?

- I. Sourav visited Delhi after Monday before but before Thursday but not on an odd day of the week.
- II. Sourav visited Delhi before Friday but after Monday.

Select one:

- ☐ if the data in Statement I alone or in Statement II alone are sufficient to answer the question.
- ☐ if the 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.
- ☒ if the data in both the Statements I and II are not sufficient to answer the question. ✗
- ☐ if the data in both the Statements I and II are sufficient to answer the question.
- ☐ if the data in Statements II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.

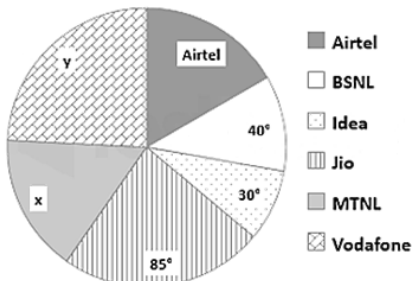
The correct answer is:
if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.

Question 25

Not answered

Marked out of 1.00

The following pie chart shows the degree of new users in telecom sectors in 2020. The number of new users of Airtel is twice the number of new users of Idea. The ratio of the number of new users of MTNL (x) to the number of new users of Vodafone 🍷 is 2:3. Total number of new users in telecom sectors all over India in 2020 = 720000

**Number of new users in telecom sectors
all over India in 2020**

Find the total numbers of new users of Airtel in 2020.

Select one:

- ☐ 1,35,000
- ☐ 1,20,000
- ☐ 1,30,000
- ☐ 1,25,000

The correct answer is:
1,20,000