

General Aptitude

Analytical Reasoning

DPP: 6

Venn Diagrams

Q1 Directions (1 & 2): Read the following information carefully and answer the questions that follow.

A class of 30 students comprises boys who can play Cricket, Hockey and Football. 3 boys play only cricket, 3 boys play only Hockey and 2 play only football. 4 boys could play all three games, while 11 could play Football and Cricket both, and 10 boys could play Football and Hockey both.

How many boys played Cricket and Hockey both?

- (A) 15 (B) 5
(C) 25 (D) 9

Q2 Directions (1 & 2): Read the following information carefully and answer the questions that follow.

A class of 30 students comprises boys who can play Cricket, Hockey and Football. 3 boys play only cricket, 3 boys play only Hockey and 2 play only football. 4 boys could play all three games, while 11 could play Football and Cricket both, and 10 boys could play Football and Hockey both.

How many boys can play at least two games?

- (A) 22 (B) 20
(C) 25 (D) 19

Q3 Directions (3 to 7): Read the following information carefully and answer the questions that follow.

A survey was conducted and 300 people were reading among these newspapers: Times of India, Hindustan Times and Indian Express. It is known that 100 people read at least two of these newspapers. 230 people read Times of India or Indian Express. 180 people read exactly

one. 80 read neither Times of India nor Hindustan Times. 130 read the Times of India or Hindustan Times but not Indian Express.

How many people read at least one of the other two newspaper along with Indian Express?

- (A) 60 (B) 80
(C) 90 (D) 70

Q4 Directions (3 to 7): Read the following information carefully and answer the questions that follow.

A survey was conducted and 300 people were reading among these newspapers: Times of India, Hindustan Times and Indian Express. It is known that 100 people read at least two of these newspapers. 230 people read Times of India or Indian Express. 180 people read exactly one. 80 read neither Times of India nor Hindustan Times. 130 read the Times of India or Hindustan Times but not Indian Express.

How many read only Times of India or only Indian Express?

- (A) 80 (B) 110
(C) 130 (D) 150

Q5 Directions (3 to 7): Read the following information carefully and answer the questions that follow.

A survey was conducted and 300 people were reading among these newspapers: Times of India, Hindustan Times and Indian Express. It is known that 100 people read at least two of these newspapers. 230 people read Times of India or Indian Express. 180 people read exactly one. 80 read neither Times of India nor Hindustan Times. 130 read the Times of India or Hindustan Times but not Indian Express.



How many people read Times of India only?

- (A) 35 (B) 50
(C) 65 (D) 70

Q6 Directions (3 to 7): Read the following information carefully and answer the questions that follow.

A survey was conducted and 300 people were reading among these newspapers: Times of India, Hindustan Times and Indian Express. It is known that 100 people read at least two of these newspapers. 230 people read Times of India or Indian Express. 180 people read exactly one. 80 read neither Times of India nor Hindustan Times. 130 read the Times of India or Hindustan Times but not Indian Express.

How many people read exactly one newspaper among the three?

- (A) 180 (B) 200
(C) 220 (D) 160

Q7 Directions (3 to 7): Read the following information carefully and answer the questions that follow.

A survey was conducted and 300 people were reading among these newspapers: Times of India, Hindustan Times and Indian Express. It is known that 100 people read at least two of these newspapers. 230 people read Times of India or Indian Express. 180 people read exactly one. 80 read neither Times of India nor Hindustan Times. 130 read the Times of India or Hindustan Times but not Indian Express.

How many people read Indian Express?

- (A) 80 (B) 130
(C) 150 (D) 100

Q8 Directions (8 to 10): Read the following information carefully and answer the questions that follow.

In a class, 70 students passed in Mathematics, 50% of the students passed in English, 25% of the students passed in both and 5% of the students passed in neither Mathematics nor English.

How many students are there in the class?

- (A) 100 (B) 200
(C) 105 (D) None

Q9 Directions (8 to 10): Read the following information carefully and answer the questions that follow.

In a class, 70 students passed in Mathematics, 50% of the students passed in English, 25% of the students passed in both and 5% of the students passed in neither Mathematics nor English.

How many students passed in only one subject?

- (A) 70 (B) 50
(C) 45 (D) 65

Q10 Directions (8 to 10): Read the following information carefully and answer the questions that follow.

In a class, 70 students passed in Mathematics, 50% of the students passed in English, 25% of the students passed in both and 5% of the students passed in neither Mathematics nor English.

What is the ratio of the number of students who passed in English to that in Mathematics?

- (A) 7:5 (B) 5:9
(C) 15:45 (D) None



Answer Key

Q1 (D)

Q2 (A)

Q3 (C)

Q4 (C)

Q5 (D)

Q6 (A)

Q7 (C)

Q8 (A)

Q9 (A)

Q10 (D)



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