

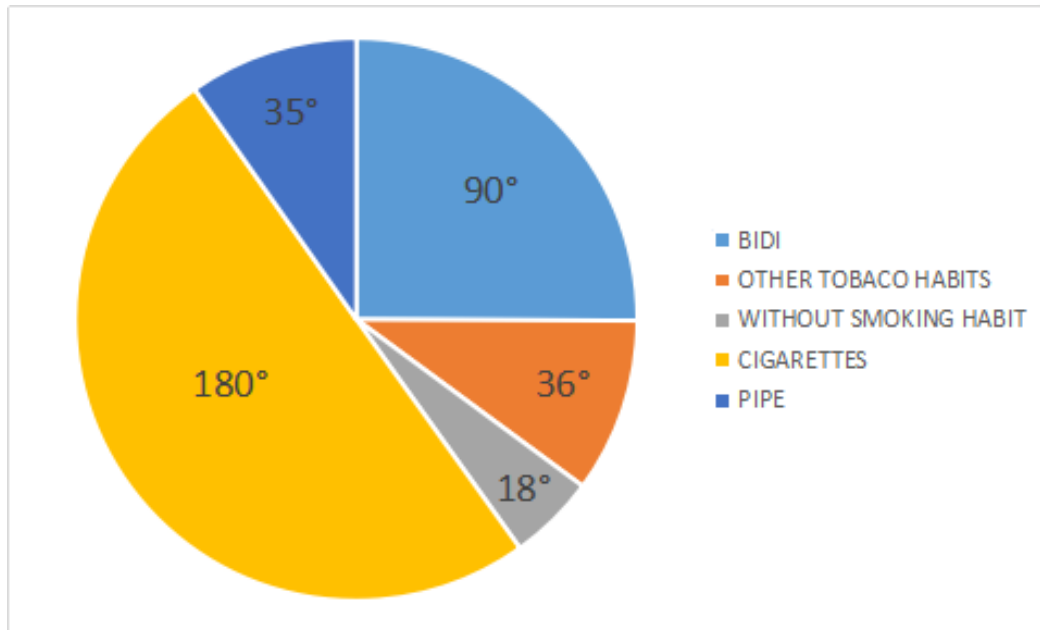


## **Data Interpretation Questions For SSC GD PDF**

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## Instructions

The Pie-chart shows the result of a survey among 119060 people concerning the use of tobacco. Study the Pie-chart and answer the questions. (PIPE =  $36^\circ$ )



### Question 1

The percentage of people under survey, who do not have any smoking habit is:

- A 5.2%
- B 5%
- C 10%
- D 7.5%

**Answer: B**

#### Explanation:

Degree of people who do not have any smoking habit =  $18^\circ$

=> % of people who do not have any smoking habit =  $\frac{18}{360} \times 100$

=  $\frac{100}{20} = 5\%$

=> Ans - (B)

### Question 2

The number of Cigarette smoking people is greater than the number of Pipe smoking people by:

- A 29765
- B 47624
- C 11906

D 59530

**Answer: B**

**Explanation:**

Degree of people using Cigarettes =  $180^\circ$

Degree of people using Pipe =  $36^\circ$

$$\Rightarrow \text{Difference} = \frac{(180-36)}{360} \times 119060$$

$$= \frac{119060}{2.5} = 47624$$

$\Rightarrow$  Ans - (B)

**Question 3**

The number of people profering Bidi is:

A 29790

B 29765

C 35718

D 37185

**Answer: B**

**Explanation:**

Total number of people surveyed = 119060

$$\Rightarrow \text{Number of people smoking Bidi} = \frac{90}{360} \times 119060$$

$$= \frac{119060}{4} = 29765$$

$\Rightarrow$  Ans - (B)

## SSC GD Free Mock Test

**Question 4**

The number of people smoking Cigarettes is:

A 53905

B 59305

C 59530

D 11906

**Answer: C**

**Explanation:**

Total number of people surveyed = 119060

$$\Rightarrow \text{Number of people smoking Cigarettes} = \frac{180}{360} \times 119060$$

$$= \frac{119060}{2} = 59530$$

$\Rightarrow$  Ans - (C)

**Question 5**

Let P be the percentage of people using Cigarettes, Pipe and Bidi as their smoking means and Q be the percentage of people using other means as their smoking habits. Then P is more than Q by:

A 25%

B 10%

C 85%

D 75%

**Answer: D**

**Explanation:**

Degree of people using Cigarettes, Pipe and Bidi as their smoking means =  $(180 + 36 + 90)^\circ = 306^\circ$

$$\Rightarrow P = \frac{306}{360} \times 100 = 85\%$$

Degree of people using other means as their smoking habits =  $36^\circ$

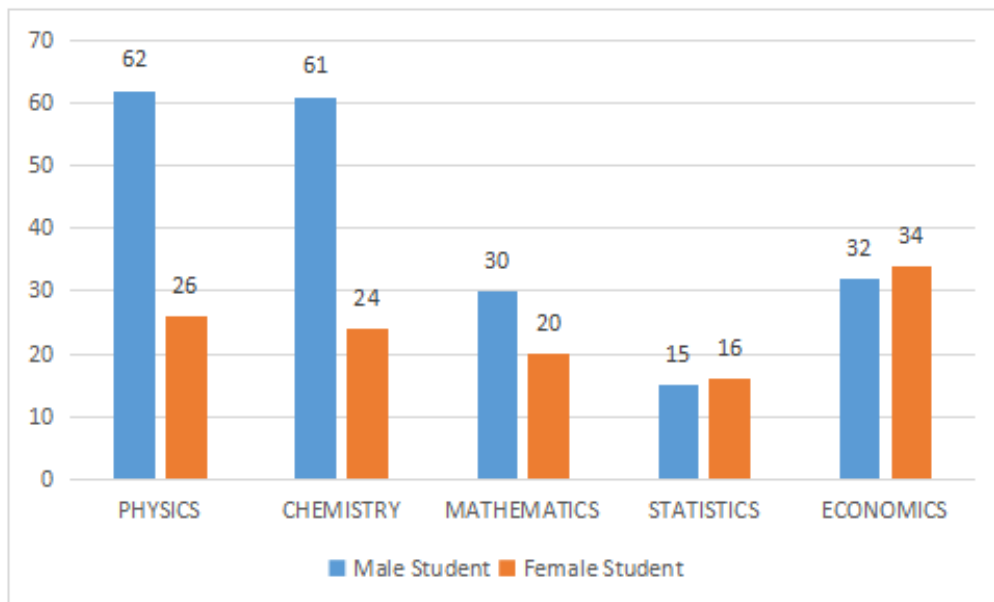
$$\Rightarrow Q = \frac{36}{360} \times 100 = 10\%$$

$$\Rightarrow P \text{ is more than } Q \text{ by} = 85 - 10 = 75\%$$

$\Rightarrow$  Ans - (D)

**Instructions**

The data given in bar diagram relate to the department wise admission of 320 students to B.S.C. (Honours) first year classes of a certain college in the given five subjects. Study the graph and answer the questions.



### Question 6

The subject which the female students are finding difficult as compared to other subjects is:

- A Statistics
- B Economics
- C Mathematics
- D Chemistry

**Answer:** D

### Explanation:

The subject which the female students are finding difficult as compared to other subjects is the one in which the difference in the number of male and female students is maximum.

Difference in the number of male and female students in the subject :

$$\text{Physics} = 62 - 26 = 36$$

$$\text{Chemistry} = 61 - 24 = 37 \quad \text{[Max]}$$

$$\text{Mathematics} = 30 - 20 = 10$$

$$\text{Statistics} = 16 - 15 = 1$$

$$\text{Economics} = 34 - 32 = 2$$

∴ The subject which the female students are finding difficult as compared to other subjects is **Chemistry**.

=> Ans - (D)

### Question 7

The total number of male students who got admitted in Mathematics and Economics as compared to the total number of female students getting admission in Mathematics and Economics is:

- A less by 17%
- B more by 4.2%
- C more by 14.8%
- D more by 12.8%

**Answer:** C

#### Explanation:

Total number of male students who got admitted in Mathematics and Economics =  $30 + 32 = 62$

Total number of female students getting admission in Mathematics and Economics =  $20 + 34 = 54$

=> Male students are **more** than female students by =  $\frac{(62-54)}{54} \times 100 = 14.8\%$

=> Ans - (C)

### Question 8

The difference of the choice of the subject between male and female students is maximum for the subject

- A Physics
- B Statistics
- C Economics
- D Chemistry

**Answer:** D

#### Explanation:

Difference in the number of male and female students in the subject :

Physics =  $62 - 26 = 36$

Chemistry =  $61 - 24 = 37$  **[Max]**

Mathematics =  $30 - 20 = 10$

Statistics =  $16 - 15 = 1$

Economics =  $34 - 32 = 2$

∴ The difference in the number of male and female students is maximum in **Chemistry**.

=> Ans - (D)

### Question 9

The subject in which the difference in the number of male and female students is minimum in:

- A Economics
- B Physics
- C Statistics
- D Chemistry

**Answer: C**

#### Explanation:

Difference in the number of male and female students in the subject :

$$\text{Physics} = 62 - 26 = 36$$

$$\text{Chemistry} = 61 - 24 = 37$$

$$\text{Mathematics} = 30 - 20 = 10$$

$$\text{Statistics} = 16 - 15 = 1 \quad \text{[Min]}$$

$$\text{Economics} = 34 - 32 = 2$$

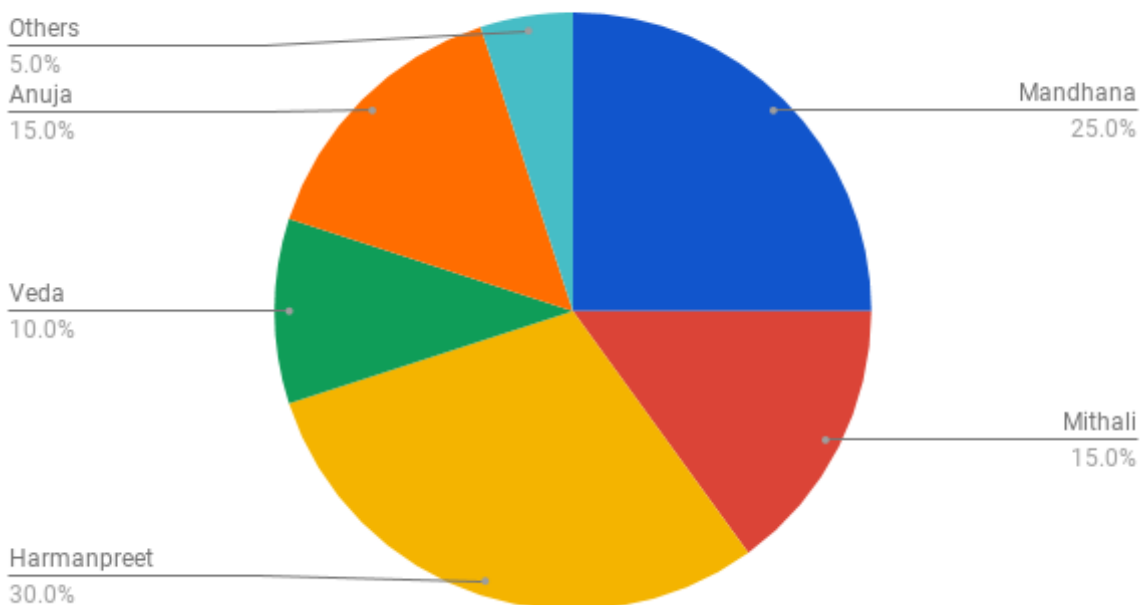
∴ The difference in the number of male and female students is minimum in **Statistics**.

=> Ans - (C)

## 18,000 SSC Free Solved Questions (Study Material)

### Instructions

#### Percentage of runs scored by indian women



Given are the percentages of runs scored by Indian women in the ongoing world cup. Total runs scored by the Indian team is 480 runs.

**Question 10**

**What is the difference between the runs scored by Harmanpreet and Veda combinedly and Mithali and Others combinedly ?**

- A 24
- B 96
- C 48
- D 72

**Answer: B**

**Explanation:**

The required difference is  $(30+10)\% - (15+5)\% = 20\%$   
20% of the total runs i.e 480 is 96.

**Question 11**

**How much percent is runs scored by Anuja less than that of runs scored by Mandhana ?**

- A 10%
- B 40%
- C 30%
- D 15%

**Answer: B**

**Explanation:**

Given mandhana scored 25% runs.

Anuja scored 15% runs

So the required percentage =  $\frac{25-15}{25} \times 100$   
=40%.

**Question 12**

**What is the average of total runs scored by Mithali, Harmanpreet and Veda ?**

- A 102
- B 104
- C 105



D 106

**Answer: B**

**Explanation:**

Runs scored by mithali is  $\frac{15}{100} \times 480 = 120$

Runs scored by harmanpreet is  $\frac{30}{100} \times 480 = 144$

Runs score by veda is  $\frac{10}{100} \times 480 = 48$

Average =  $\frac{120+144+48}{3}$

=104.

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### Question 13

What is the difference between total runs scored by Mandhana and Anuja ?

A 72

B 36

C 24

D 48

**Answer: D**

**Explanation:**

Percentage of runs scored by mandhana=25%

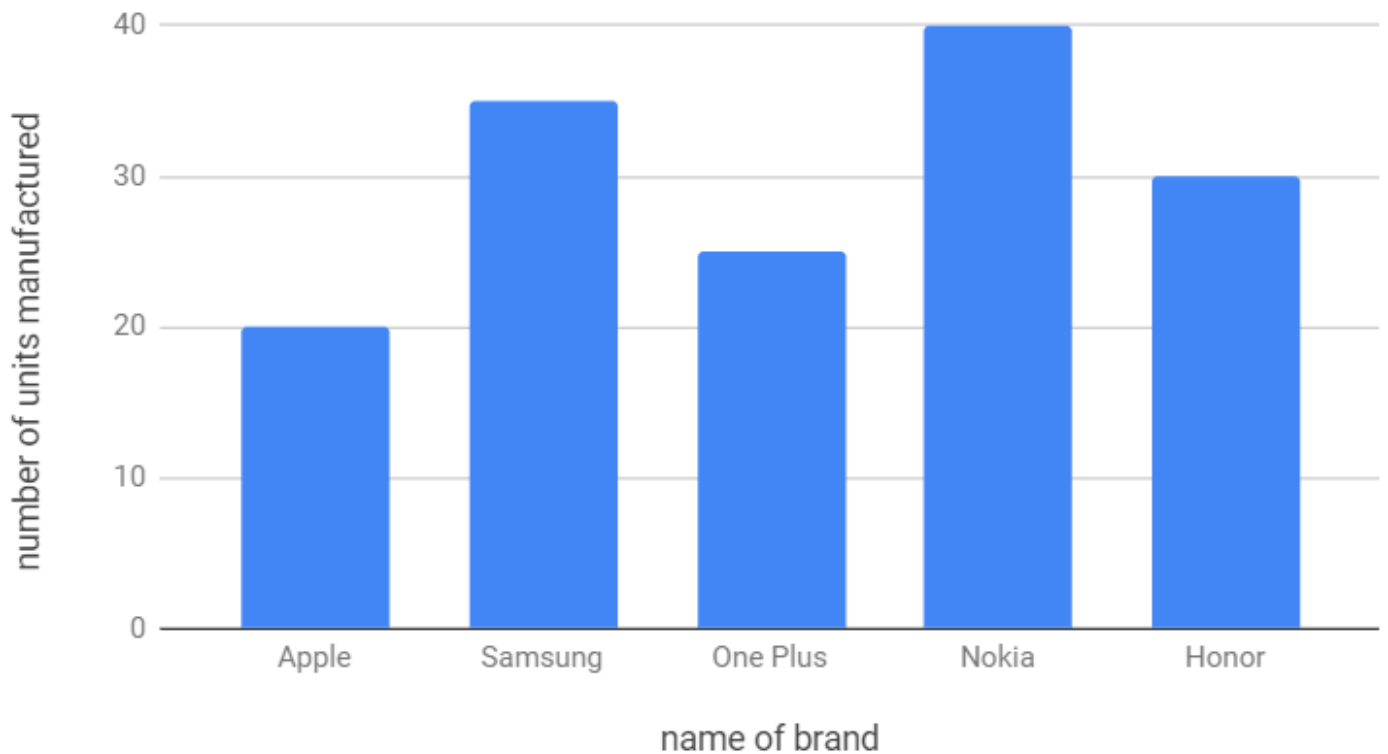
Percentage of runs scored by anuja=15%

Difference between them =10%

Required answer is  $\frac{10}{100} \times 480 = 48$

**Instructions**

Mobiles manufactured by different brands



Answer the following questions using the bar graph provide.

**Question 14**

**How many brands have manufactured more than 20% of the total units manufactured by all the brands together ?**

- A 2
- B 3
- C 4
- D 1

**Answer: A**

**Explanation:**

Total number of units manufactured is  $20+35+25+40+30=150$ .

Number of units manufactured by apple=20

Percentage of apple units manufactured of total units  $=\frac{20}{150} \star (100)$   
 $=13.33\%$

Percentage of units manufactured by samsung of total units  $=\frac{35}{150} \star (100)$   
 $=23.33\%$

Percentage of units manufactured by one plus of total units  $=\frac{25}{150} \star (100)$   
 $=16.66\%$

Percentage of units manufactured by nokia of total units  $=\frac{40}{150} \star (100)$   
 $=26.66\%$

Percentage of units manufactured by honor of total units =  $\frac{30}{150} \times (100)$   
=20%

Only two values are greater than 20%.

**Question 15**

**Total number of units manufactured by Apple is how much percent less than the total number of units manufactured by samsung ?**

**A** 52.85%

**B** 57.14%

**C** 28.57

**D** 42.85%

**Answer: D**

**Explanation:**

Total number of units manufactured by apple=20

Total number of units manufactured by samsung=35

Difference between number of units manufactured by samsung and apple=35-20  
=15

Percentage less than that of Samsung =  $\frac{15}{35} \times 100$   
=  $\frac{300}{7}$   
=42.85%

## SSC GD 10 Mock Tests for Rs. 117

**Question 16**

**What is the average of total number of units manufactured by nokia, honor and samsung ?**

**A** 33

**B** 35

**C** 34

**D** 36

**Answer: B**

**Explanation:**

Total number of units manufactured by nokia, honor and samsung =40+30+35  
=105

Average of them =  $\frac{105}{3}$   
=35

### Question 17

What is the ratio between total number of units manufactured by samsung and nokia combinedly to one plus and honor combinedly ?

A  $\frac{25}{13}$

B  $\frac{70}{50}$

C  $\frac{15}{11}$

D  $\frac{20}{11}$

**Answer: C**

#### Explanation:

Total number of units manufactured by samsung and nokia =35+40  
=75.

Total number of units manufactured by one plus and honor =25+30  
=55

$$\text{Ratio} = \frac{75}{55} \\ = \frac{15}{11}$$

#### Instructions

The following table gives the result of a survey based on newspaper reading habits. Study the table and answer the questions.

Income Group in (Salary/Income per month)	Does not read newspapers	Reads newspapers published in regional languages only	Reads only English Paper	Reads both in regional and English languages
Below Rs.5,000	162	271	123	52
Rs.5,000 - Rs.10,000	13	285	206	82
Above Rs.10,000	21	209	325	187

### Question 18

The total number of people surveyed are

A 2040

B 1086

C 12961

D 1936

**Answer:** D

**Explanation:**

Number of people who do not read newspapers =  $162 + 13 + 21 = 196$

Number of people who read only in regional languages =  $271 + 285 + 209 = 765$

Number of people who read only English newspapers =  $123 + 206 + 325 = 654$

Number of people who read in both languages =  $52 + 82 + 187 = 321$

=> Total number of people surveyed =  $196 + 765 + 654 + 321 = 1936$

=> Ans - (D)

## Daily Current Affairs PDF for SSC

**Question 19**

The number of people who read only English newspapers.

A 975

B 654

C 1086

D 221

**Answer:** B

**Explanation:**

Number of people who read only English newspapers

=  $123 + 206 + 325 = 654$

=> Ans - (B)

**Instructions**

The table give below shows the marks obtained by six students in 5 different subjects.

	Subject				
Student	P	Q	R	S	T
A	72	75	80	82	93
B	87	94	78	87	95
C	68	79	55	91	72
D	55	69	74	81	76
E	74	88	83	93	87
F	86	92	95	81	82

#### Question 20

What are the total marks obtained by student D in all subjects?

- A 343
- B 355
- C 338
- D 362

**Answer:** B

#### Explanation:

Total marks obtained by student D in all subjects

$$= 55 + 69 + 74 + 81 + 76 = 355$$

=> Ans - (B)

#### Instructions

The table given below shows the production (in '000 tonnes) of five companies from 2012 to 2016.

	Year				
Company	2012	2013	2014	2015	2016
P	302	386	412	503	470
Q	376	402	444	529	501
R	250	268	302	298	276
S	350	360	372	398	362
T	403	450	504	597	602

#### Question 21

What is the total production (in '000 tonnes) of company R from year 2012 to 2016 ?

- A 1276
- B 1444
- C 1394
- D 1502

**Answer:** C

#### Explanation:

Total production (in '000 tonnes) of company R from year 2012 to 2016

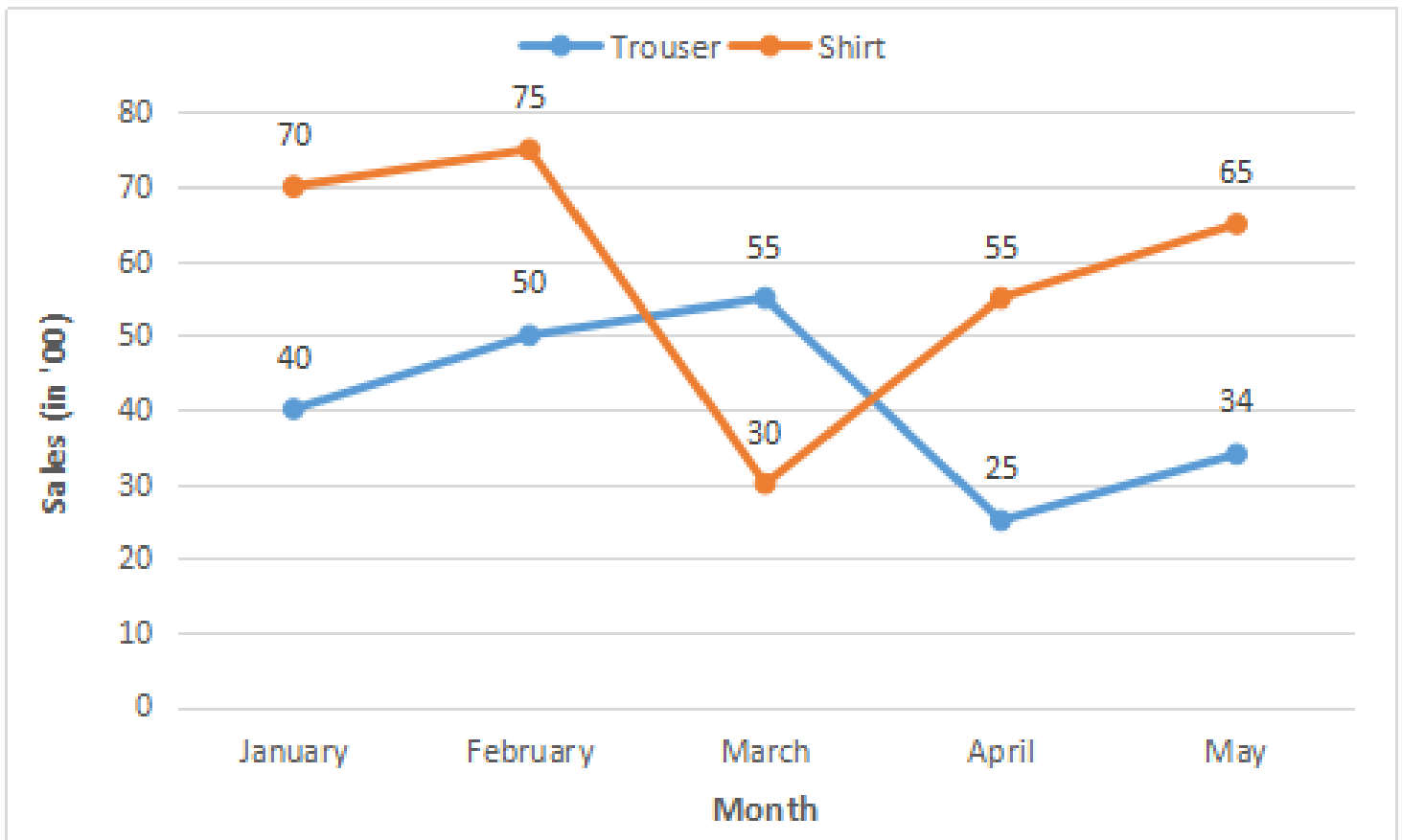
$$= 250 + 268 + 302 + 298 + 276 = 1394$$

=> Ans - (C)

## Daily Free SSC Practice Set

#### Instructions

The line chart given below represents the sales (in 00) of trousers and shirts for five months.



#### Question 22

What is the difference between sales of shirts for months January and April?

- A 2700
- B 1500
- C 2000
- D 2200

Answer: B

#### Explanation:

Sale of shirts in January = 7000

Sale of shirts in April = 5500

=> Required difference =  $7000 - 5500 = 1500$

=> Ans - (B)

#### Instructions

The table given below shows the runs scored by 5 players in four matches.



Player	Match			
	I	II	III	IV
A	70	105	55	135
B	40	35	95	72
C	60	68	75	85
D	95	45	55	60
E	105	110	125	122

### Question 23

What is the difference between total runs scored by A and B in four matches?

- A 111
- B 123
- C 98
- D 135

**Answer:** B

### Explanation:

Total runs scored by A in four matches =  $70 + 105 + 55 + 135 = 365$

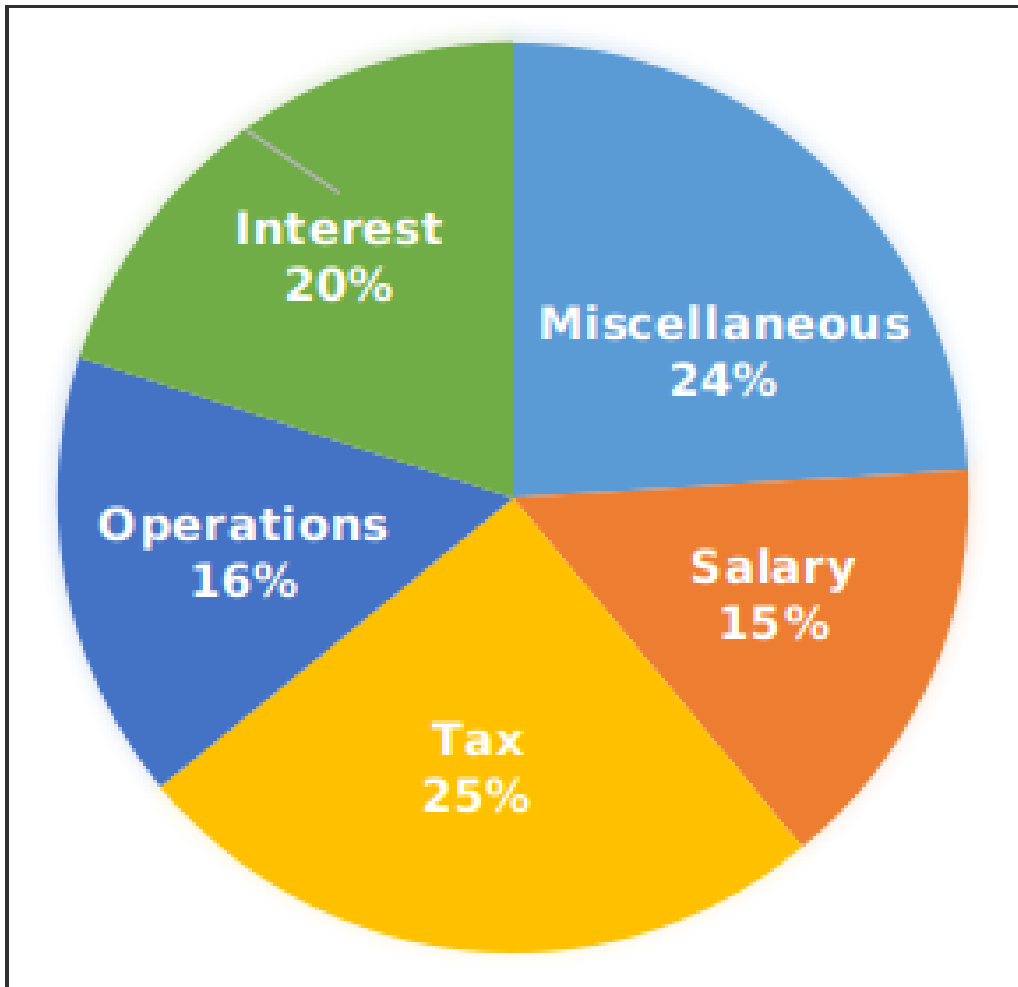
Total runs scored by B in four matches =  $40 + 35 + 95 + 72 = 242$

=> Required difference =  $365 - 242 = 123$

=> Ans - (B)

### Instructions

The pie chart given below shows the percentage distribution of annual expenditure on various items of a company. The annual expenditure of the company is Rs. 70 Crores.



**Question 24**

What is the monthly expenditure (in Rs crores) on Miscellaneous by the company?

- A 14.4
- B 1.4
- C 1.21
- D 1.69

**Answer:** B

**Explanation:**

Annual expenditure of the company = Rs. 70 crores

% expenditure on miscellaneous = 24%

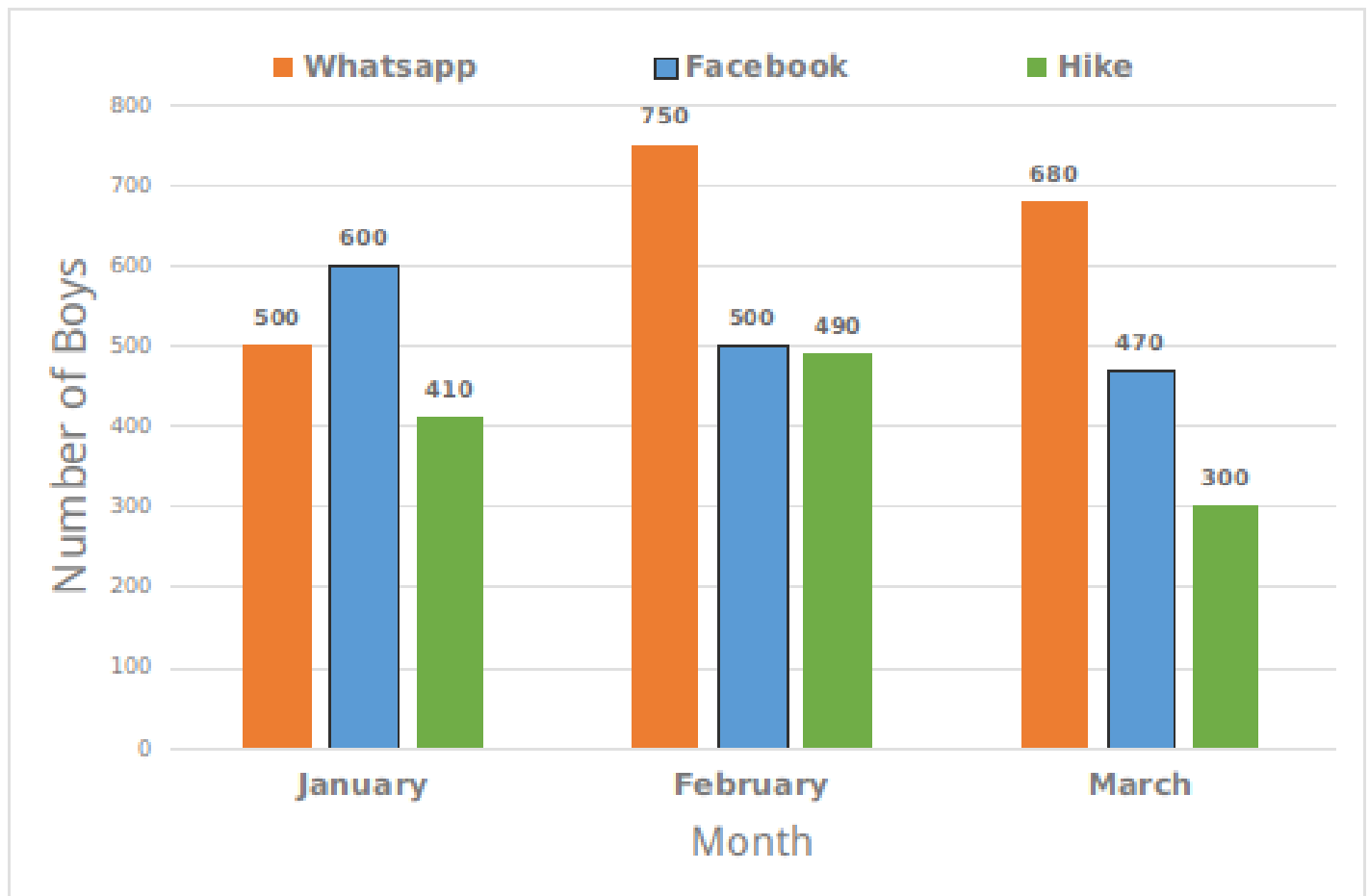
=> **Monthly** expenditure (in Rs crores) on Miscellaneous by the company =  $\frac{24}{100} \times 70 \times \frac{1}{12}$

=  $2 \times 0.7 = 1.4$

=> Ans - (B)

## Instructions

The bar graph given below represents the number of boys in a school using three apps for three months.



## Question 25

What is the total number of boys using the three apps in month of March?

- A 1420
- B 1480
- C 1450
- D 1500

**Answer:** C

## Explanation:

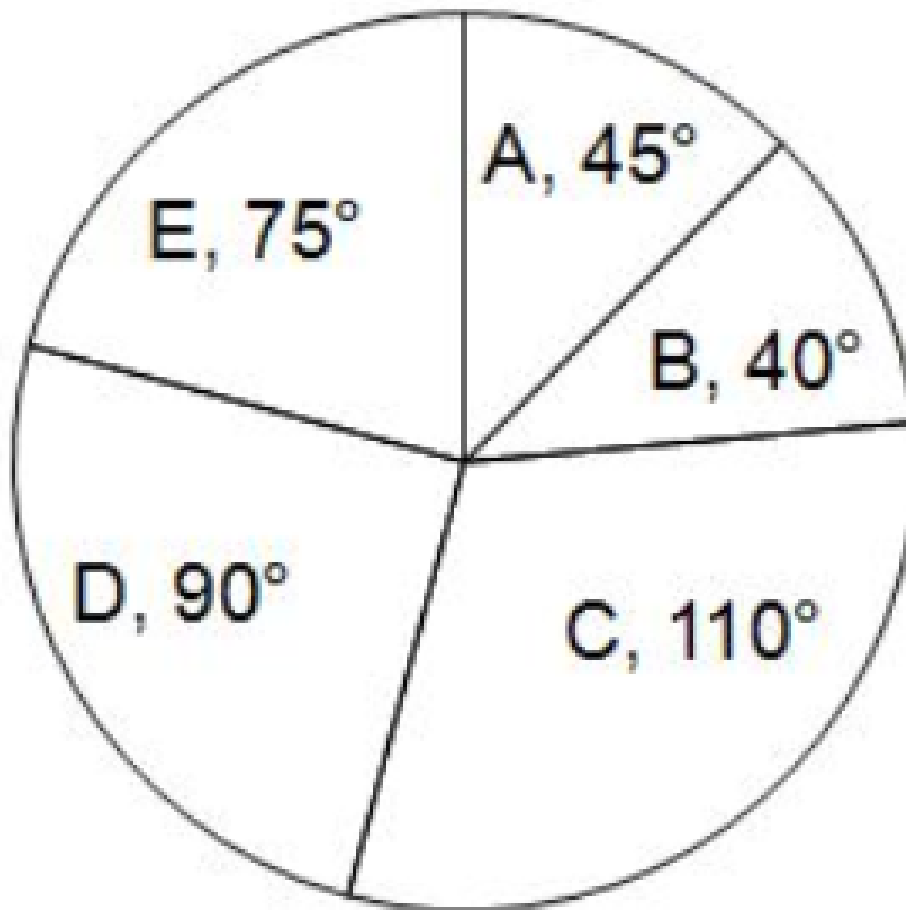
Total number of boys using the three apps in month of March

$$= 680 + 470 + 300 = 1450$$

=> Ans - (C)

## Instructions

The given pie chart shows the distribution (in degrees) of cars sold of different models by a company in 2015-16.



**Question 26**

If number of cars sold of model C are 22000, then what will be the difference in the number of cars sold of model A and B?

- A 800
- B 1200
- C 1000
- D 1500

**Answer:** C

**Explanation:**

Given, number of cars of model C = 22,000 i.e  $110^\circ$

$$\Rightarrow 110^\circ = 22,000$$

$$\Rightarrow 1^\circ = 200$$

Difference in the number of cars sold of model A and B =  $(45^\circ - 40^\circ)$  i.e  $5^\circ$

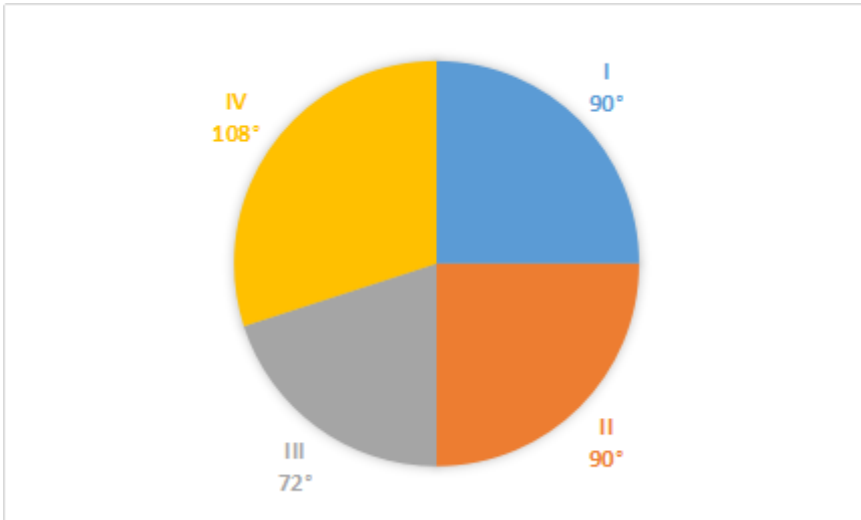
$$\Rightarrow 5^\circ = (5 \times 200) = 1000$$

Hence, option C is the correct answer.

## Instructions

The total expenditure of a company for a particular month is ₹60000. The various heads of expenditure I to IV are indicated in a pie chart given below. These heads are:

- I. Raw materials
- II. Conveyance
- III. Electricity
- IV. Overhead expenses



Study the pie chart and answer Questions.

### Question 27

What percentage of total expenditure is on electricity ?

- A 25%
- B 30%
- C 20%
- D 23%

**Answer:** C

### Explanation:

Degree spent on electricity =  $72^\circ$

=> percentage of total expenditure on raw materials =  $\frac{72}{360} \times 100$

=  $\frac{1}{5} \times 100 = 20\%$

=> Ans - (C)

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### Question 28

What percentage of total expenditure is on raw materials ?

- A 30%
- B 60%
- C 23%
- D 25%

**Answer: D**

#### Explanation:

Degree spent on raw materials =  $90^\circ$

=> percentage of total expenditure on raw materials =  $\frac{90}{360} \times 100$

$$= \frac{1}{4} \times 100 = 25\%$$

=> Ans - (D)

### Question 29

Total expenditures on conveyance is:

- A ₹15,000
- B ₹20,000
- C ₹10,000
- D ₹12,000

**Answer: A**

#### Explanation:

Total amount spent = Rs. 60,000

Amount spent on overhead expenses =  $\frac{90}{360} \times 60,000$

$$= \frac{1}{4} \times 60000 = \text{Rs. } 15,000$$

=> Ans - (A)

### Question 30

What is the amount spent on overhead expenses ?

- A ₹15,000
- B ₹18,000

C ₹10,000

D ₹12,000

**Answer: B**

**Explanation:**

Total amount spent = Rs. 60,000

Amount spent on overhead expenses =  $\frac{108}{360} \times 60,000$

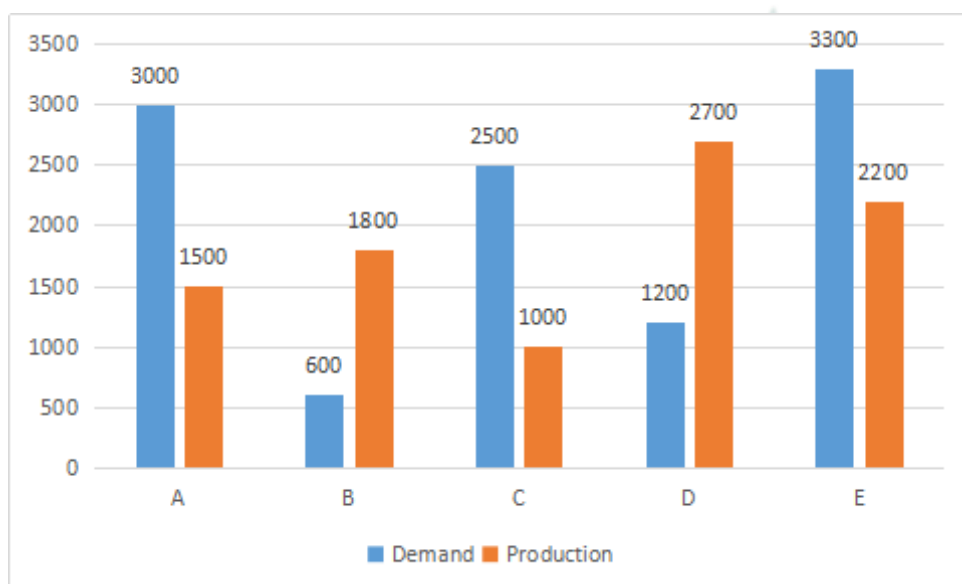
$= 3 \times 6000 = \text{Rs. } 18,000$

=> Ans - (B)

## SSC GD Free Mock Test

### Instructions

The following chart represents Demand and Production for 5 companies ABCDE.



On the basis of graph answer the question below given.

### Question 31

If company A desires to meet the demand by purchasing surplus production of a company, then the most suitable company is:

A D

B E

C B

D C

**Answer: A**

**Explanation:**

To fulfill its demands, company A needs =  $3000 - 1500 = 1500$

It cannot purchase productions from company C (since C has 1000 productions).

If company A purchases 1500 productions from company D, then D is left with =  $2700 - 1500 = 1200$  productions, which is enough to fulfill D's demands.

Thus, the most suitable company is = **D**

=> Ans - (A)

**Question 32**

**The ratio of the number of companies having more demand than production to those having more production than demand is:**

**A** 2:2

**B** 3:2

**C** 2:3

**D** 4:1

**Answer: B**

**Explanation:**

Number of companies having more demand than production = 3 (A,C,E)

Number of companies having more production than demand = 2 (B,D)

=> Required ratio = 3 : 2

=> Ans - (B)

**Question 33**

**If x% of demand for company C equals demand for company B, then x equals :**

**A** 20

**B** 60

**C** 4

**D** 24

**Answer: D**

**Explanation:**

Demand for company C = 2500



Demand for company B = 600

According to ques,  $\Rightarrow \frac{x}{100} \times 2500 = 600$

$$\Rightarrow 25x = 600$$

$$\Rightarrow x = \frac{600}{25} = 24$$

$\Rightarrow$  Ans - (D)

## SSC GD Previous Question papers (download pdf)

### Question 34

If the production of company D is h times of the production of company A. Then h equals:

A 2.5

B 1.2

C 1.8

D 1.5

**Answer:** C

#### **Explanation:**

Production of company D = 2700

Production of company A = 1500

According to ques,  $\Rightarrow 2700 = h \times 1500$

$$\Rightarrow h = \frac{27}{15} = 1.8$$

$\Rightarrow$  Ans - (C)

### Question 35

The difference between average demand and average production of the five companies taken together is:

A 280

B 130

C 620

D 400

**Answer:** A

#### **Explanation:**

Total demand of five companies = 3000 + 600 + 2500 + 1200 + 3300 = 10,600

Total production of five companies = 1500 + 1800 + 1000 + 2700 + 2200 = 9,200

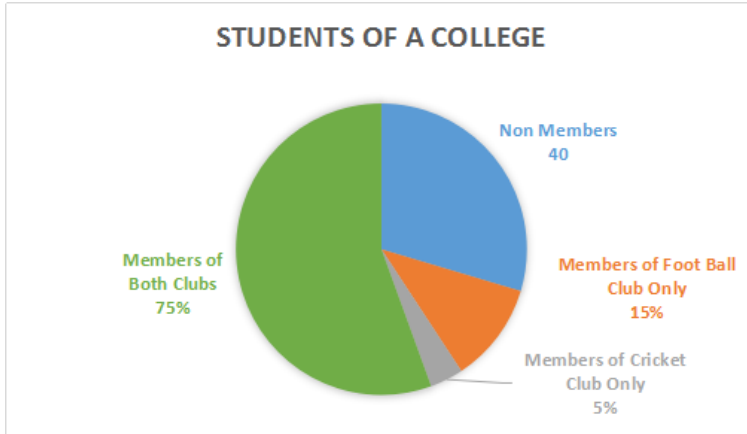
=> Difference =  $10600 - 9200 = 1400$

∴ Required average difference =  $\frac{1400}{5} = 280$

=> Ans - (A)

### Instructions

Study the Pie chart carefully and answer the questions.



### Question 36

Percentage of students who are not members of any club is:

- A 8%
- B 6%
- C 10%
- D 5%

Answer: D

### Explanation:

Percent of students who are members of any club =  $(75 + 5 + 15) = 95\%$

=> Percent of non members =  $100 - 95 = 5\%$

=> Ans - (D)

## 18,000 SSC Free Solved Questions (Study Material)

### Question 37

Ratio of members of cricket club only and football club only is:

- A 3 : 1
- B 1 : 3
- C 1 : 2

**D** 2 : 1

**Answer:** B

**Explanation:**

Percent of members of cricket club only = 5%

Percent of members of football club only = 15%

=> Required ratio =  $\frac{5}{15} = 1 : 3$

=> Ans - (B)

**Question 38**

**Number of students who are members of both the clubs is:**

**A** 500

**B** 650

**C** 600

**D** 550

**Answer:** C

**Explanation:**

Percent of non members =  $100 - (75 + 5 + 15) = 5\%$

Now, number of non members =  $5\% \equiv 40$

=>  $100\% = \frac{40}{5} \times 100 = 800$

Thus, total number of students = 800

Number of students who are members of both the clubs =  $\frac{75}{100} \times 800$

=  $75 \times 8 = 600$

=> Ans - (C)

**Question 39**

**Number of students who are members of cricket club only ?**

**A** 40

**B** 42

**C** 41

**D** 35

**Answer:** A

**Explanation:**

Percent of non members =  $100 - (75 + 5 + 15) = 5\%$

Now, number of non members =  $5\% \equiv 40$

$\Rightarrow 100\% = \frac{40}{5} \times 100 = 800$

Thus, total number of students = 800

Number of students who are members of cricket club only =  $\frac{5}{100} \times 800$

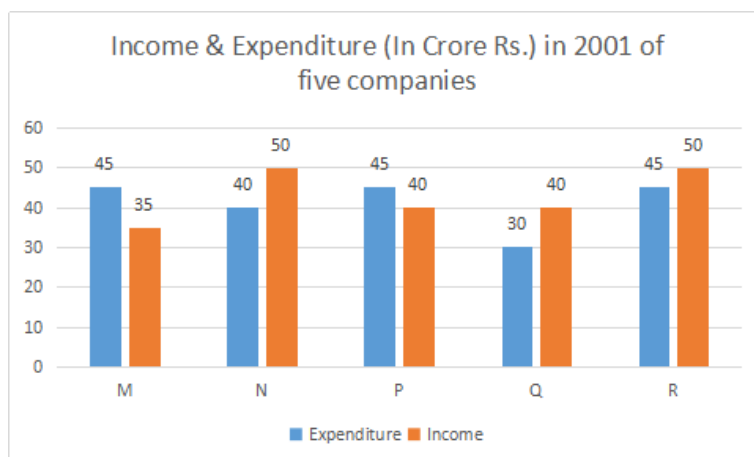
$= 5 \times 8 = 40$

$\Rightarrow$  Ans - (A)

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**Instructions**

Study the bar chart & answer the questions.

**Question 40**

The companies M and N together had a percentage of profit/loss of :

- A 10% profit
- B No loss and No profit
- C 10% loss
- D 12% loss

**Answer:** B

**Explanation:**

Total income of companies M and N together (in Rs. crores) =  $35 + 50 = 85$

Total expenditure of companies M and N together (in Rs. crores) =  $45 + 40 = 85$

Since, both income and expenditure are same, thus no profit/loss.

$\Rightarrow$  Ans - (B)

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