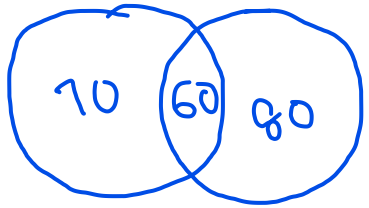
Data Interpretation

From a sample of 230 software engineers, determine the ratio of those proficient in Python to those proficient in Java using the given information:

Category	Number
Proficient in Python and Java	60
Proficient in Python only	70
Proficient in Java only	80
Proficient in neither language	20



P : J

70+60 : 60+80

130 : 140

13 : 14

SSC CGL 12/09/2025 (Shift 1)

(a) 11 : 12 (b) 13 : 14 (c) 13 : 11 (d) 13 : 7

Table - Daily Wages of 5 Workers Over 4 Days

Day	A	B	C	D	E
Monday	200	180	220	160	190
Tuesday	210	175	230	170	195
Wednesday	190	185	215	180	200
Thursday	220	190	225	175	205

Average = Total / No. of terms

$= \frac{220+230+215+225}{4}$

What is the average daily earning of Worker C ? SSC CGL 13/09/2025 (Shift 1)

(a) 222.5 (b) 220 (c) 232.5 (d) 230.5

$= \frac{889}{4}$

$= 222.5$

From the following table, determine the ratio of the number of students playing Cricket to the number of students playing Badminton in a survey of 160 students:

Category	Number
Play Cricket and Badminton	35
Play Cricket but not Badminton	55
Play Badminton but not Cricket	45
Play neither sport	25

C : B

35+55 : 35+45

90 : 80

9 : 8

SSC CGL 13/09/2025 (Shift 2)

(a) 6 : 7 (b) 7 : 5 (c) 9 : 8 (d) 5 : 7

Table - Scores in a Quiz Contest (out of 50)

Team	Round 1	Round 2	Round 3
A	44	35	41
B	46	55	49

$\frac{120}{3} = 40$

$\frac{150}{3} = 50$ ✓

Which team had a higher average score? SSC CGL 13/09/2025 (Shift 3)

(a) Team A

(b) Team B

(c) Team A and Team B are equal

(d) It cannot be Determined

The number of students in two sections A and B having different heights is shown in the table given below:

Height (in metres)	Section A	Section B
1.55	6	5
1.60	8	7
1.62	11	13
1.65	14	10
1.68	6	7
1.71	7	5
1.75	4	3

6+8+11 : 5+7+13

25 : 25

1 : 1

What is the ratio of the total number of students in Section A whose height is less than 1.65 metres to the total number of students in Section B whose height is less than 1.65 metres ? SSC CGL 14/09/2025 (Shift 1)

(a) 15 : 16 (b) 1 : 1 (c) 26 : 25 (d) 25 : 25

Table - Units Sold of 3 Products

Product	Jan	Feb	Mar
A	80	105	103
B	80	70	90
C	155	145	120

$\frac{288}{3} = 96$

$\frac{240}{3} = 80$

$\frac{420}{3} = 140$ ✓

Which product had the Lowest average units sold ? SSC CGL 14/09/2025 (Shift 1)

(a) B & C both (b) A (c) B (d) C

Table - Weekly Sales (in ₹000)

Salesperson	Mon	Tue	Wed	Thurs
P	40	60	50	55
Q	75	64	62	68

$\frac{269}{4} = 67.25$

What are the average weekly sales of Q ? SSC CGL 15/09/2025 (Shift 1)

(a) ₹63.5 (b) ₹67.25 (c) ₹65.75 (d) ₹65

Table - Weekly diesel Usage (litres)

Vehicle	Mon	Tue	Wed	Thu	Fri
Car 1	19	22	24	16	21
Car 2	15	28	23	20	29

34 50 47 36 50

$\frac{217}{10} = 21.7$

What is the overall average daily diesel usage for both cars ? SSC CGL 16/09/2025 (Shift 1)

(a) 22.5 litres (b) 21.7 litres (c) 23.7 litres (d) 25.5 litres

The number of students in two sections A and B having different heights is shown in the table given below:

Height (in metres)	Section A	Section B
1.56	5	4
1.60	9	0
1.68	8	9
1.64	15	10
1.69	8	7
1.72	6	5
1.78	4	3

8 : 55

What is the ratio of the number of students with a height of 1.68 metres in Section A to the total number of students in Section A ? SSC CGL 23/09/2025 (Shift 2)

(a) 8 : 55 (b) 15 : 62 (c) 6 : 4 (d) 4 : 33

The number of students in two sections A and B having different heights is shown in the table given below:

Height (in metres)	Section A	Section B
1.35	7	6
1.40	9	8
1.45	10	12
1.50	13	11
1.55	3	2
1.60	12	6
1.65	1	4

~~26~~ : 12

13 : 6

What is the ratio of the total number of students in Section A whose height is less than 1.50 metres to the total number of students in Section B whose height is more than 1.50 metres ? SSC CGL 14/10/2025 (Shift 1)

(a) 15 : 16 (b) 13 : 6 (c) 13 : 5 (d) 17 : 13

Read the given information and answer the question that follows. The following table gives the percentage of marks obtained by seven students in six different subjects in an examination. The number in the brackets give the maximum marks in each subject.

Student	Subject (Max. Marks)					
	Maths	Chemistry	Physics	Geography	History	Computer Science
	(150)	(130)	(120)	(100)	(60)	(40)
Ayush	90	50	90	60	70	80
Aman	100	80	80	40	80	70
Sajal	90	60	70	70	90	70
Rohit	80	65	80	80	60	60
Muskan	80	65	85	95	50	90
Tanvi	70	75	65	85	40	60
Tarun	65	35	50	77	80	80

If someone secured all the highest scores that have been obtained by some student or the other in the six subjects as given in the table above, what would be the exact overall percentage score obtained by that student ? SSC CGL 09/09/2024 (1st Shift)

(a) 91 1/6 %
(b) 95.16 %
(c) 91%
(d) 90 5/6%

$M = 150 \times \frac{100}{100} = 150$

$C = 80 \times \frac{130}{100} = 104$

$P = \frac{90}{100} \times 120 = 108$

$G = 95 \times \frac{100}{100} = 95$

$H = \frac{90}{100} \times 60 = 54$

$CS = \frac{90}{100} \times 40 = 36$

$\% = \frac{150+104+108+95+54+36}{150+130+120+100+60+40} \times 100$

$= \frac{547}{600} \times 100$

$= 91\frac{1}{6}\%$

$6 \overline{)547}\ (91$

54

07

6

1

Study the given table and answer the question that follows. The given table shows the number of candidates who appeared (both male and female) in a Public Examination and the percentage of those who qualified in the examination from two states X and Z. Few values are missing in the table (indicated by ------). You will be required to fill them up according to the question.

Year	State X		State Z	
	Number of appeared candidates	Percentage of qualified candidates	Number of appeared candidates	Percentage of qualified candidates
2008	480	70%	.....	70%
2009	560	75%	500	80%
2010	.....	60%	650	50%
2011	450	89%	720	72%
2012	790	.....	660	.....

Out of the number of qualified candidates from State X in 2010, the ratio of male to female candidates is 5 : 7. If the number of female qualified candidates from State X in 2010 is 168, what is the number of appeared candidates (both male and female) from State X in 2010 ? SSC CGL 11/09/2024 (1st Shift)

(a) 360 (b) 480 (c) 640 (d) 540

M : F

5 : 7 → 168

↓

120

$7x = 168$

$x = \frac{168}{7} = 24$

$x = 24$

$5x = 5 \times 24$

$= 120$

168

120

288

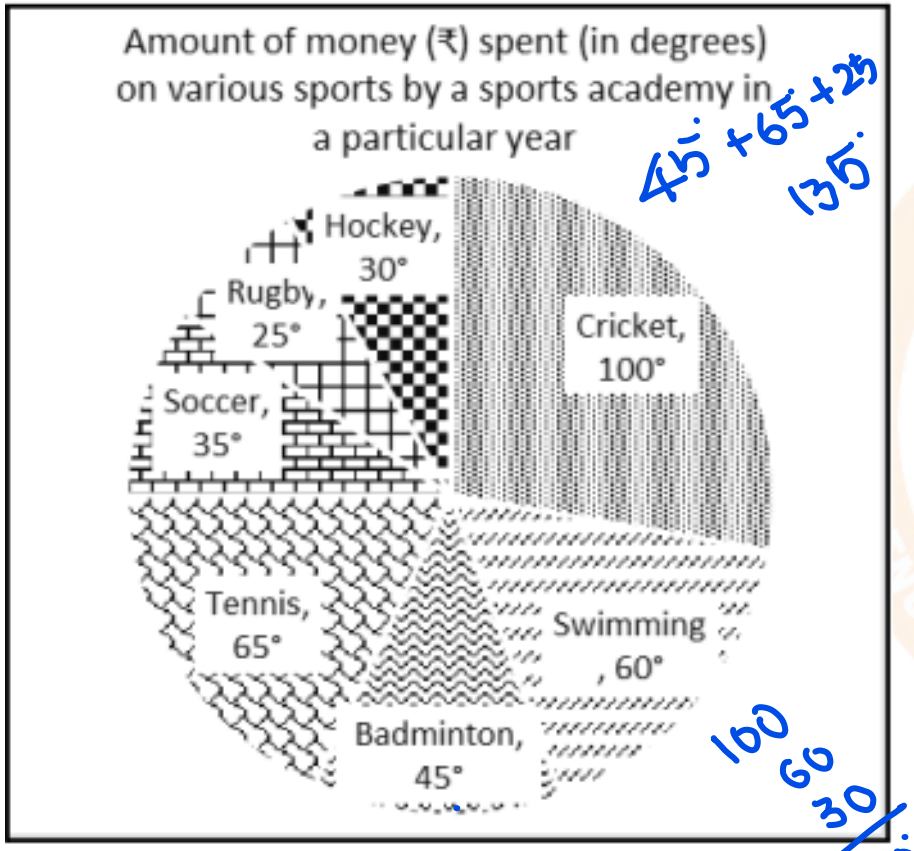
60% of a = 288

$a = \frac{288}{96} \times \frac{100}{60}$

$= 96 \times 5$

$= 480$

The given pie chart shows the amount of money (₹) spent (in degrees) on various sports by a sports ac ademy in a particular year. Study the pie chart and answer the question that follows.



If ₹42,000 were spent on Soccer, then the money spent on Badminton, Tennis and Rugby taken together is what percentage (rounded off to 2 decimal places) more/less than the money spent on Cricket, Swimming and Hockey taken together ? SSC CGL 18/09/2024 (2nd Shift)

(a) Less, 34.87%
(b) More, 28.95%
(c) More, 34.87%
(d) Less, 28.95%

$$\frac{190-135}{190} \times 100$$

$$\frac{55}{19} \times 10$$

$$19 \overline{)550} \quad 28.9$$

38

170

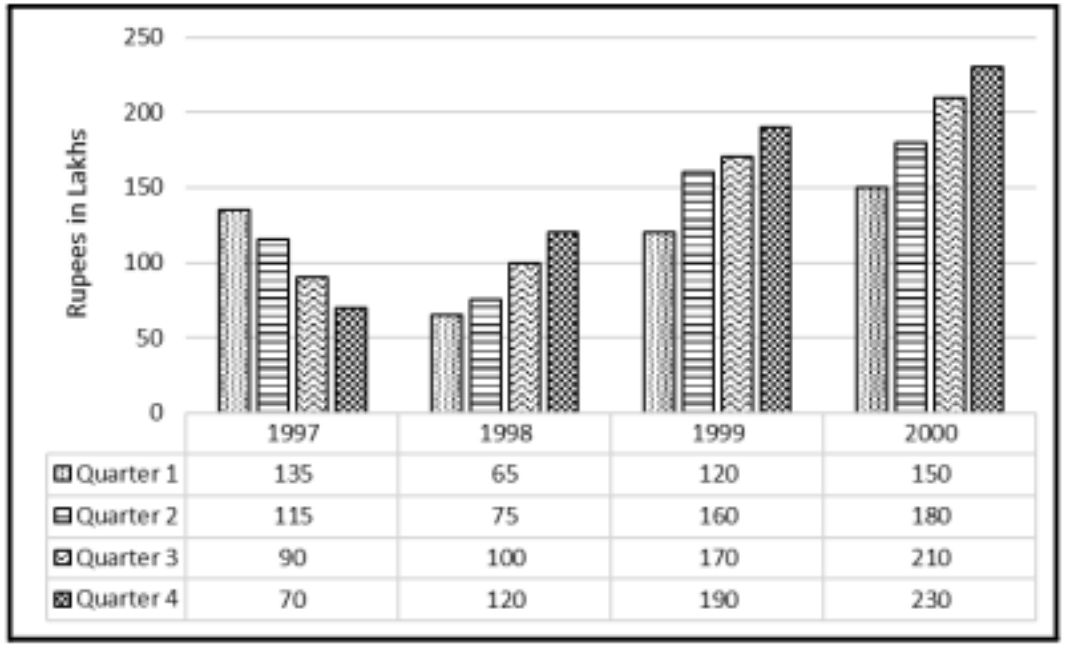
152

180

171

90

Study the given bar graph and answer the question that follows. The following bar graph shows the quarterly profit (in lakhs) of a departmental store from 1997 to 2000.



	1997	1998	1999	2000
Quarter 1	135	65	120	150
Quarter 2	115	75	160	180
Quarter 3	90	100	170	210
Quarter 4	70	120	190	230

410 770

What was the percentage increase in annual profit of the departmental store from 1997 to 2000 ? SSC CGL 19/09/2024 (2nd Shift)

(a) 85 33/41%
(b) 84 33/41%
(c) 87 33/41%
(d) 83 33/41%

$\therefore = \frac{770 - 410}{410} \times 100$

$= \frac{360}{41} \times 10 = \frac{3600}{41}$

41) 3600 (87.

328

320

287

33

$= 87\frac{33}{41}\%$

Study the given table and answer the question that follows. The given table shows the number of candidates who appeared (both male and female) in a Public Examination and the percentage of those who qualified in the examination from two states X and Z. Few values are missing in the table (indicated by ------). You will be required to fill them up according to the question.

Year	State X		State Z	
	Number of appeared candidates	Percentage of qualified candidates	Number of appeared candidates	Percentage of qualified candidates
2008	480	70%	____	70%
2009	560	75%	____	80%
2010	____	60%	650	50%
2011	450	89%	720	72%
2012	790	____	660	____

The number of appeared candidates from State Z increased by 100% from 2008 to 2009. If the total number of qualified candidates from State Z in 2008 and 2009 together is 552, what is the number of appeared candidates from State Z in 2009 ? SSC CGL 19/09/2024 (3rd Shift)

(a) 360 (b) 240 (c) 480 (d) 600

Thank You