

# DATA Interpretation Part 3

## DATA INTERPRETATION CLASS-2

Q 24. Read the information and answer the following questions.

The table shows the interest rates on 1st April of each year in three different schemes A, Y and Z over the financial year 2008 to 2014.

Given rates of interests are being compounded annually. All the investments are made on 1st April every year.

Year	Scheme X	Scheme Y	Scheme Z
2008	16	18	19
2009	15	20	24
2010	18	24	30
2011	17	15	18
2012	17	20	10
2013	18	13	15
2014	12	14	16

Donald invested some amount in scheme Z in 2012 and invested the realized amount in Scheme X in 2013. At the end of 2013, 48400. What is the total amount invested in 2012?

Options:  
 A. Rs. 45000  
 B. Rs. 36000  
 C. Rs. 35000  
 D. Rs. 40000

**Handwritten Notes:**  
 (D) ✓  
 Compound ✓  
 X Y Z  
 X Y Z  
 C.I = interest over interest  
 S.I = Every get year  
 1000  $\xrightarrow{10\%}$  1100  $\xrightarrow{10\%}$  1210  
 $1000 \times \frac{110^2}{100} = 121000$   
 $x \times \frac{110}{100} \times \frac{110}{100} = 48400$   
 $x = 40,000$

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**Handwritten Notes:**  
 2024 Exam  
 1st April - 2012 (1st April 2013)  $\rightarrow$  1 year  
 $\rightarrow$  9 months  
 $\frac{11x}{100} + \frac{11x}{100} \times \frac{9}{12} \times 10 = 48400$   
 Video  
 $\frac{11x}{10} \left[ 1 + \frac{15}{4} \right] = 48400$   
 $\frac{11x}{10} \times \frac{19}{4} = 48400$   
 $x \times \frac{119}{40} = 48400$   
 $x = 40,000$

## DATA INTERPRETATION CLASS-2

Q 24. Read the information and answer the following questions:

The table shows the number of male and female employees who joined and left PQR Corp. in 2014 at all four branches in different locations.

	2014 (Joined)		2014 (Left)	
	Males	Females	Males	Females
Kochi	118	84	32	28
Hyderabad	246	172	64	58
Dubai	430	210	104	76
Bangalore	600	64	170	150
Shimla	106	224	44	38
Doha	560	440	96	72
UAE	646	660	88	88

The total number of females who left from all the branches is approximately what percentage of the total number of males who joined in all the branches?

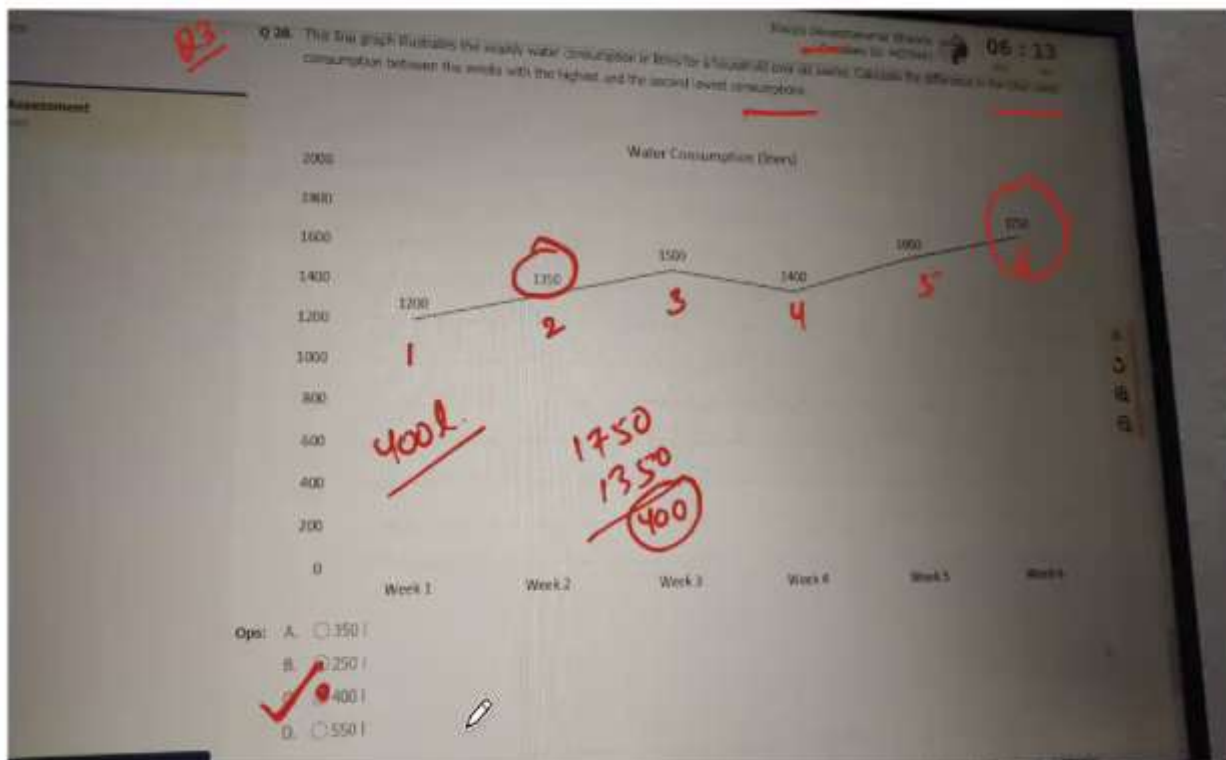
Ops: A. ☐ 0.18  
B. ☐ 0.22  
C. ☐ 0.3  
D. ☐ 0.25

25. In a race for charity of 2000 m in Yamuna Sports Complex organised by Acidass Solutions company CSR group, Thomas can beat Lewis and Mike by 160 m and 240 m respectively. By what distance can Lewis beat Mike in a 4000 m race?

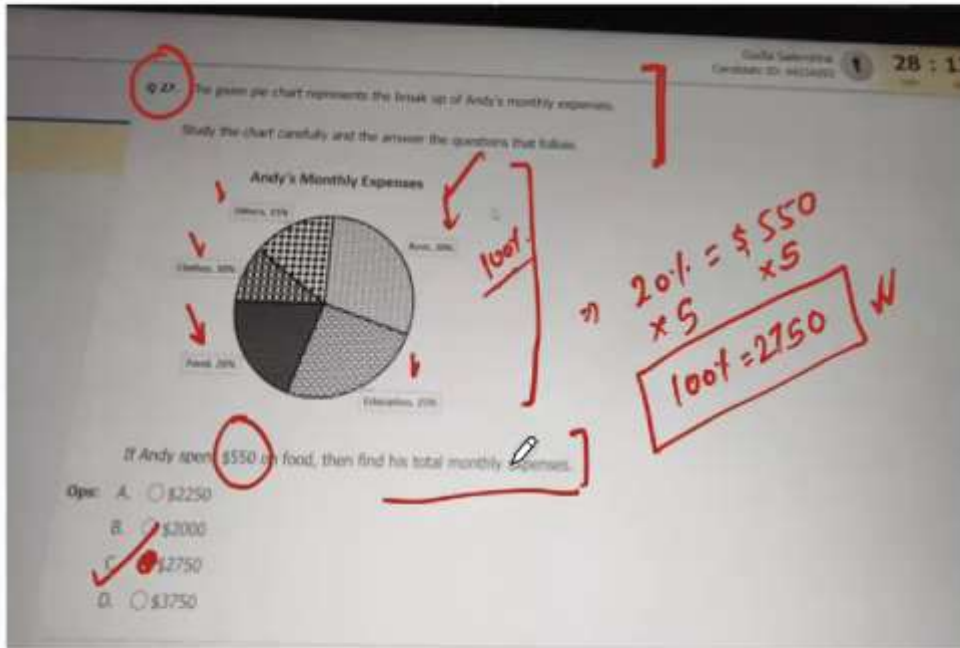
Female left  
Males joined

$$\frac{\sqrt{496} \times 100}{2781} \approx 0.18$$

## DATA INTERPRETATION CLASS-2



## DATA INTERPRETATION CLASS-2



50%

Mock Test-1

$$\begin{aligned} 20\% &= \$550 \\ \times 5 \\ \hline 100\% &= 2750 \end{aligned}$$

## DATA INTERPRETATION CLASS-2

E 7-8



28.

Good Problems

$$100^\circ = 360^\circ, 1^\circ = \frac{360}{100}$$

$$18^\circ = \frac{18 \times 360}{100}$$

$$18^\circ = \frac{18 \times 100}{360}$$

$$18^\circ = \frac{18 \times 100}{360}$$

$$18^\circ = \frac{18 \times 100}{360}$$

$$50,000 \times \frac{10}{100}$$

$$5000$$

$$48,000 \times \frac{10}{100}$$

$$4800$$

$$2400$$

$$2600$$

$$2400$$

$$48,000 \times \frac{10}{100}$$

$$4800$$

$$2400$$

$$2600$$

$$2600$$

1 reason

$$25x + 24x = 98,000$$

$$49x = 98,000$$

$$x = 20,000$$

$$25x + 24x = 98,000$$

$$49x = 98,000$$

$$x = 20,000$$

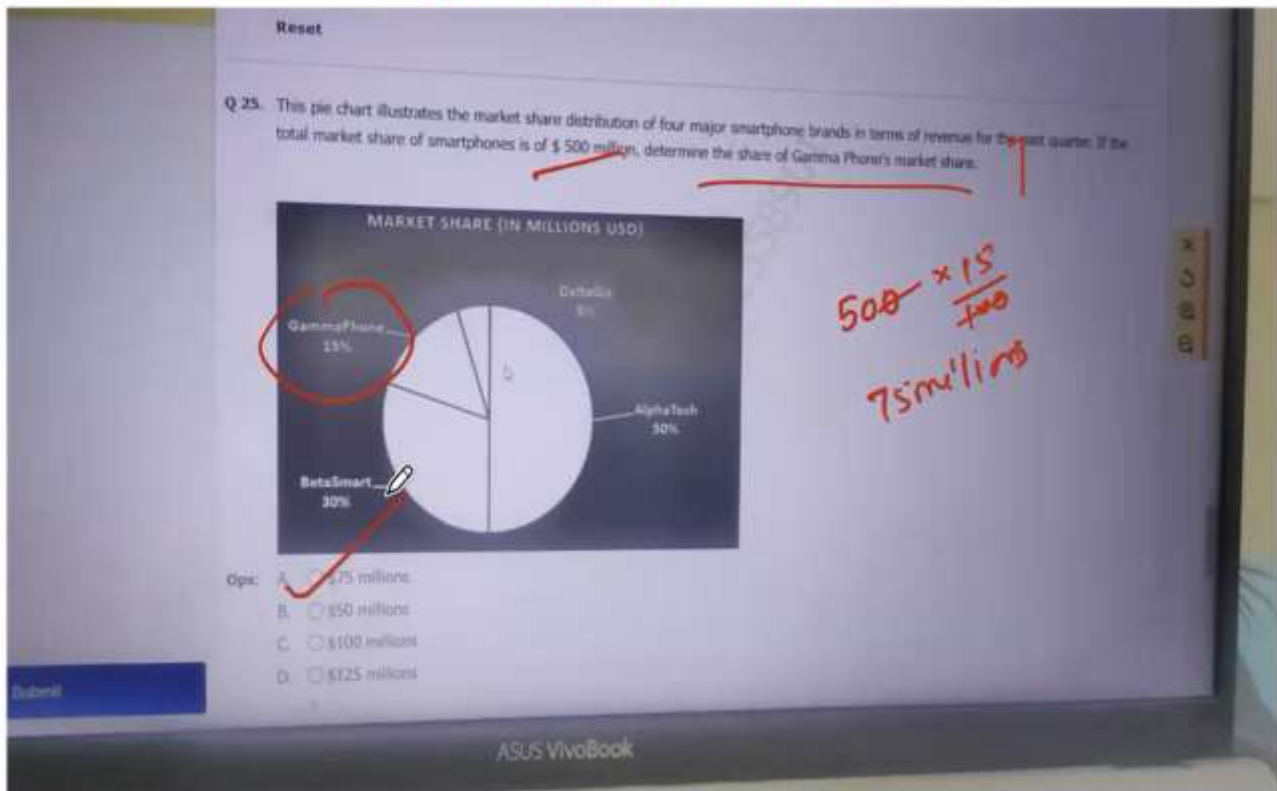
$$2600$$

$$2600$$

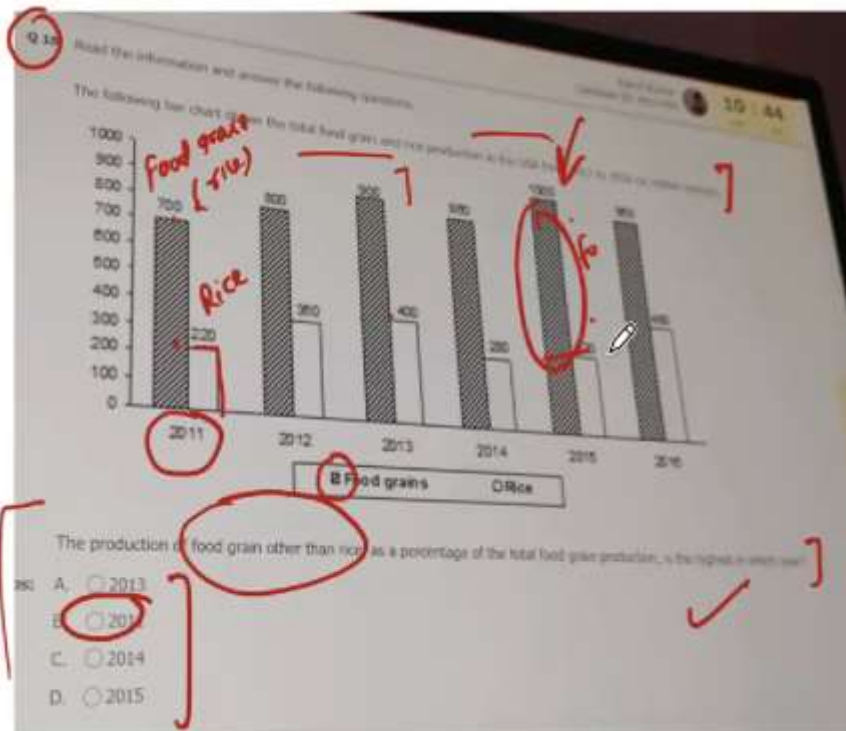
$$2600$$



## DATA INTERPRETATION CLASS-2



## DATA INTERPRETATION CLASS-2



Handwritten calculations:

$$8 \overline{) 5265} \begin{array}{r} 65 \\ 48 \\ \hline 4 \end{array}$$

2011      2013      2014      2015

$$\frac{700 - 220}{700} = \frac{480}{700} = 68.5\%$$

$$\frac{800 - 360}{800} = \frac{440}{800} = 55\%$$

$$\frac{850 - 400}{850} = \frac{450}{850} = 52.9\%$$

$$\frac{800 - 280}{800} = \frac{520}{800} = 65\%$$

$$\frac{900 - 320}{900} = \frac{580}{900} = 64.4\%$$

$$\frac{850 - 450}{850} = \frac{400}{850} = 47.0\%$$

Cognitive 95% T4 100%

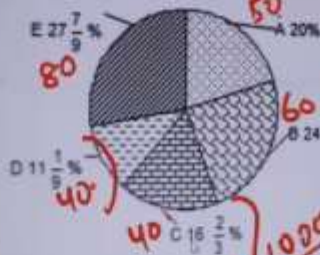
## DATA INTERPRETATION CLASS-2

Recorded

Q 24. Read the information and answer the following question:

The pie chart shows the distribution of students studying in 12th class in different sections of school. The table shows the ratio of boys to girls in different sections.

Section-wise distribution of students



Ratio of boys to girls in different sections

	Boys	Girls
A	5	4
B	1	1
C	2	3
D	1	1
E	2	3

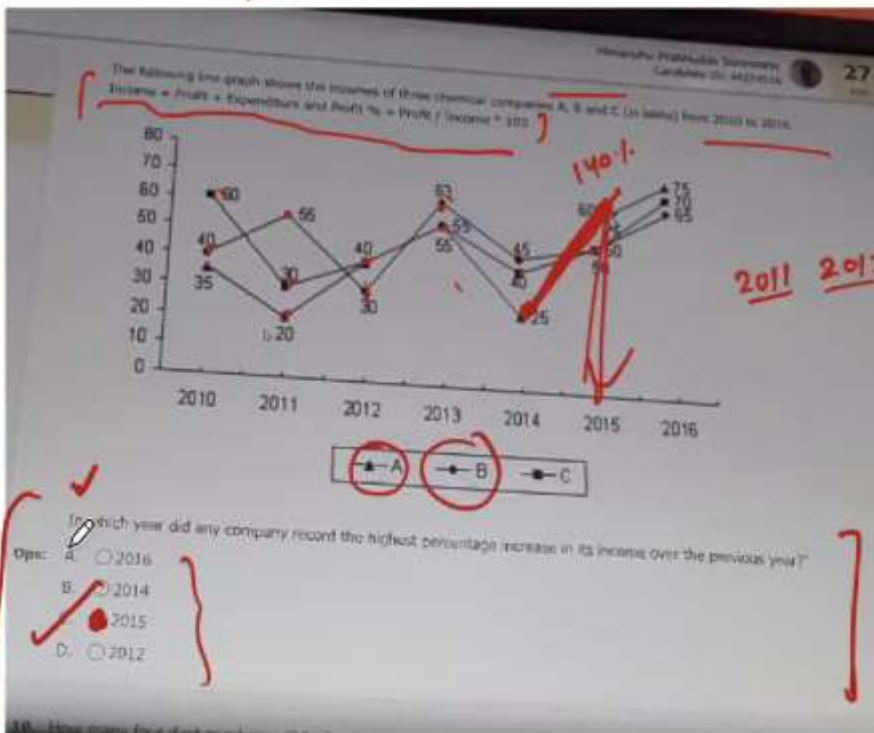
The total number of students in 5 sections = 270

In how many sections the number of girls are more than number of boys?

Opic: A

20-40 = 100%

## DATA INTERPRETATION CLASS-2



30-63

A = 100% [2012]

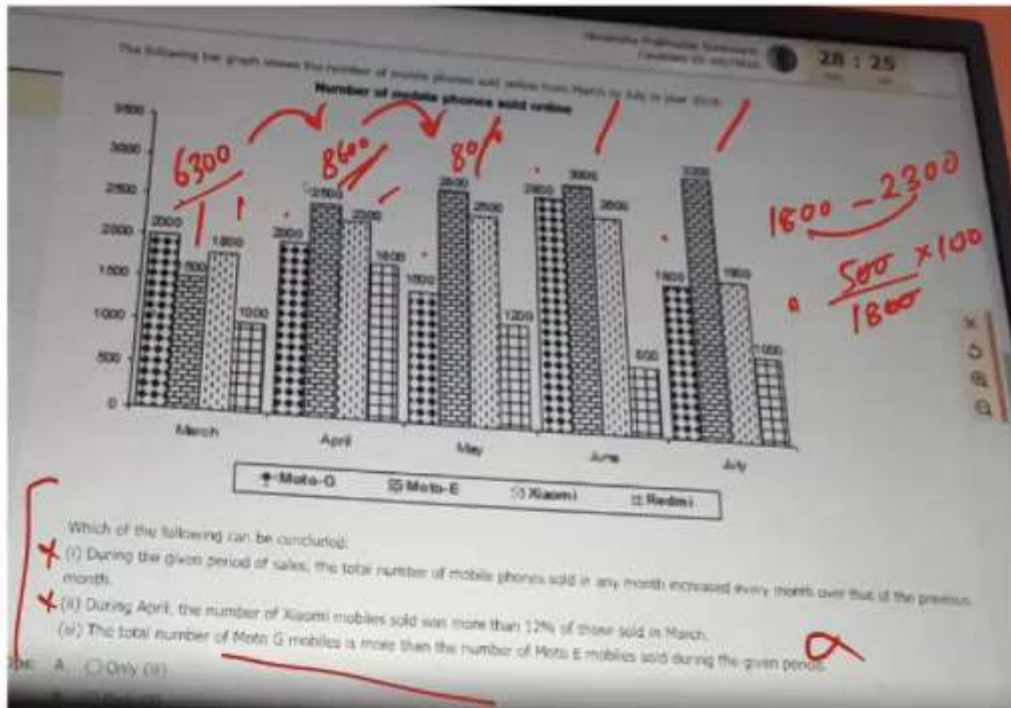
B = 100% [2012]

C = 2015

2011 2012 2013 2014 2015 2016

$\frac{35}{25} \times 100 = 140\%$

## DATA INTERPRETATION CLASS-2



①

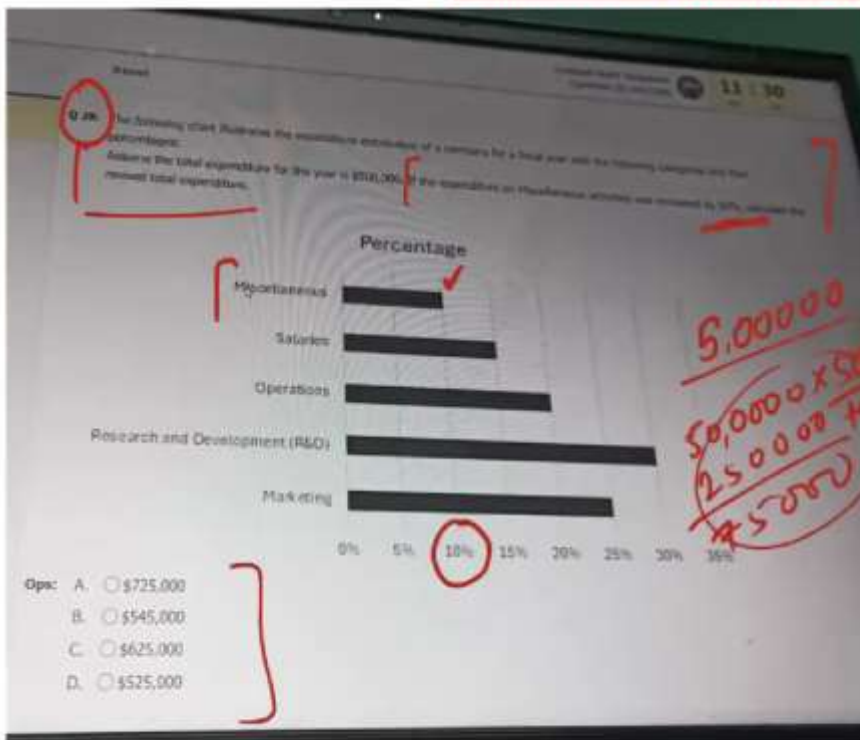
$$\frac{500 \times 100}{1800}$$

① ②

10,100

< 13,000

## DATA INTERPRETATION CLASS-2



$$\frac{500,000 \times 10}{100} = 50,000$$

$$50,000 \times \frac{150}{100} = 75,000$$

$$25,000$$

$$525,000$$

$$5,000,000$$

$$\frac{50,000 \times 50}{100} = 25,000$$

$$25,000$$

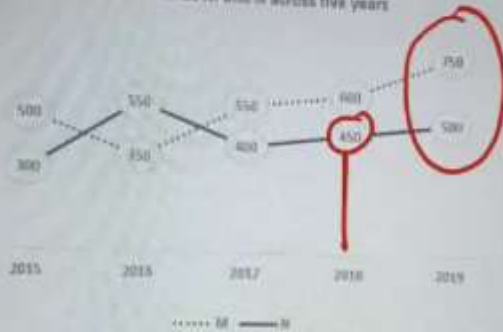


Q. The

$$\begin{array}{r} 2\text{hr} \\ 2\text{hr} \\ 2\text{hr} \end{array} \quad \left. \begin{array}{l} \checkmark \\ \checkmark \end{array} \right\} 4$$

$$\begin{array}{r} 450 \\ \underline{1250} \\ 25 \end{array} \times 100$$

$$(36)$$



A)  $\overline{450}$   
 $750 + 500$

- A. ☐ 0,4  
B. ☐ 0,76  
C. ☐ 0,32  
D. ☒ 0,36



### Breakup of Client's Expenditure



Open A Q4  
B Q3  
C Q4  
D Q3

client = 42,000

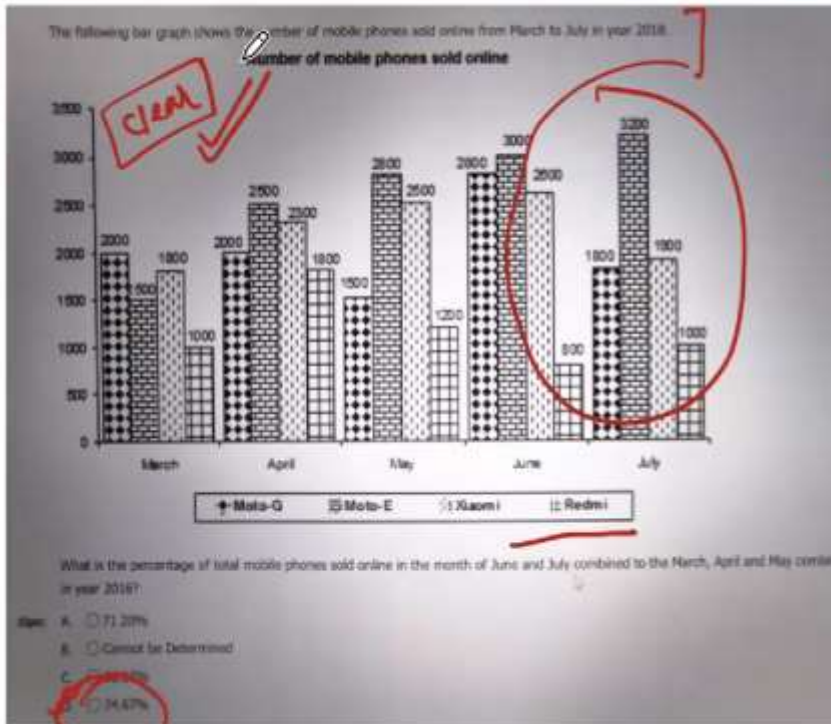
Entertainment

$$\frac{42,000 \times 10}{100} = 4200$$
$$\begin{array}{r} 4200 \\ + 32000 \\ \hline 36200 \end{array}$$
$$\begin{array}{r} 4200 \\ \times 11 \\ \hline 4200 \\ 4200 \\ \hline 45000 \\ 931 \end{array}$$

Handwritten calculation:  $4200 / 40000 = 10.5\%$

Recorded ✓  
Next class  
Mixed Question

## DATA INTERPRETATION CLASS-2



$$= \frac{\text{June + July}}{\text{March + April + May}} \times 100$$

$$= \frac{17100}{22900} \times 100$$

$$= 74.67\%$$