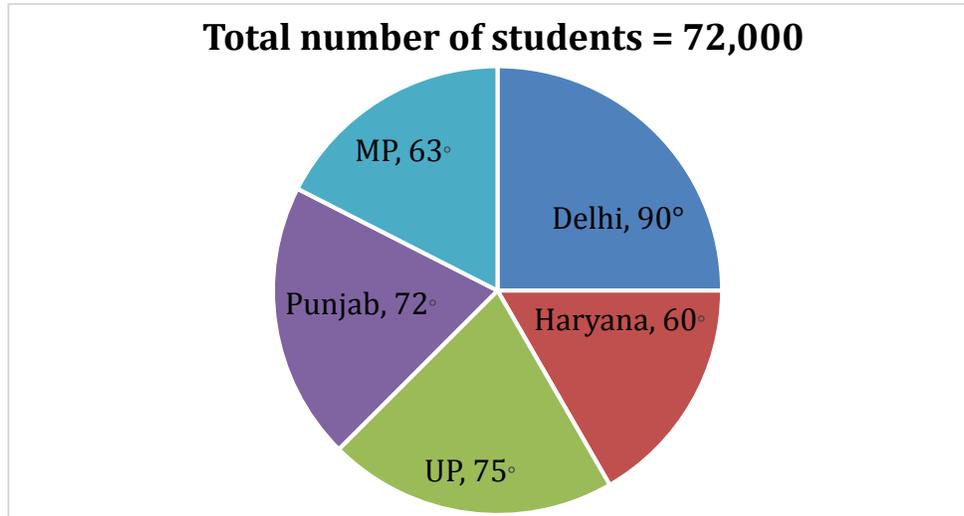


RBI Assistant Mains Quant Daily Mock

Directions (1-5): The following pie-chart shows the total no. of students who appeared for ESIC Pre exam in the year 2018 from five different states of India. Also, the table shows ratio of male to female in them. Study the graphs carefully to answer the following questions.



Cities	Ratio of male to female Male : Female
Delhi	3 : 2
Haryana	2 : 1
UP	3 : 1
Punjab	5 : 3
MP	4 : 3

Q1. What is the average no. of male students from Delhi, UP and MP who appeared for ESIC Pre exam?

- (a) 9,750
- (b) 9,570
- (c) 9,705
- (d) 8,750
- (e) 10,450

Q2. Total no. of female students from Haryana is what percent more or less than the total no. of male students from Punjab who appeared for ESIC Pre exam?

- (a) $\frac{200}{9}\%$
- (b) $\frac{400}{9}\%$
- (c) $\frac{500}{9}\%$
- (d) $\frac{700}{9}\%$
- (e) $\frac{550}{9}\%$

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Q3. If 10% students from UP were failed in Pre- exam and 10% students from MP were passed in Pre- exam, then total no. of students who passed Pre- exam from UP is what percent more or less than the total no. of students who failed in Pre- exam from MP (approximately)?

- (a) 17%
- (b) 21%
- (c) 23%
- (d) 19%
- (e) 15%

Q4. From which state least no. of female students has appeared for Pre- exam?

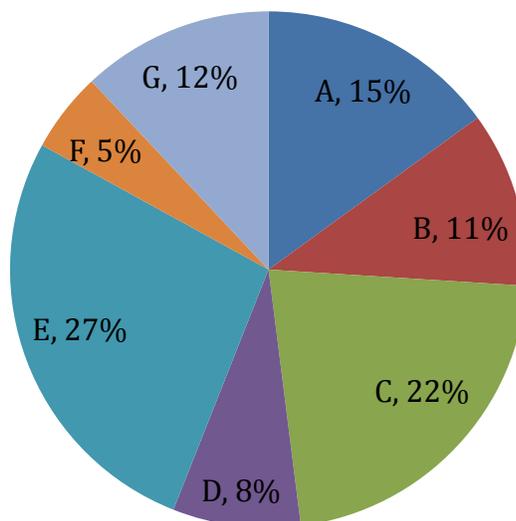
- (a) Delhi
- (b) Haryana
- (c) MP
- (d) UP
- (e) Punjab

Q5. Find the total no. of students from Delhi, Haryana and Punjab together who appeared for ESIC Pre exam.

- (a) 42,400
- (b) 44,200
- (c) 44,400
- (d) 46,400
- (e) 44,000

Directions (6-10): Seven different companies A, B, C, D, E, F and G are engaged in production of two items I and II.

Percentage distribution of production cost of both the items in terms of percentage (out of total production cost) for seven different companies.



Cost of the total production (both items together) by seven companies together = Rs 25 crores
Table shows ratio of cost of production of items I and II and the percent profit earned on both the two items

Company	Ratio of Production	Per cent profit earned	
	Item I : Item II	Item I	Item II
A	2 : 3	25	20
B	3 : 2	32	35
C	4 : 1	20	22
D	3 : 5	15	25
E	5 : 3	28	30
F	1 : 4	35	25
G	1 : 2	30.	24

Q6. What is the total cost of the production of item I for companies A and C together (in Rs crore)?

- (a) 9.25
- (b) 5.9
- (c) 4.1625
- (d) 4.9
- (e) 3.9

Q7. What is the profit earned by company D on item II?

- (a) Rs3.125cr
- (b) Rs31.25 cr
- (c) Rs 3.125 lakhs
- (d) Rs 31.25 lakhs
- (e) None of these

Q8. Cost of production of item I for company F is what per cent of the cost of production of item II for company D?

- (a) 16%
- (b) 33.33%
- (c) 66.67%
- (d) 20%
- (e) 22.22%

Q9. What is the ratio of the cost of production of item I for company A to the cost of production of item I for company D?

- (a) 3 : 5
- (b) 1 : 2
- (c) 2 : 1
- (d) 2 : 3
- (e) 4 : 5

Q10. What is the total of the profit earned by company B on item I and the profit earned by company A on item II?

- (a) Rs 9.78 cr
- (b) Rs 97.8 lakhs
- (c) Rs 52.8 lakhs
- (d) Rs 5.28 cr
- (e) None of these

Directions (11 -15): What will come in place of (?) in the following number series?

Q11. 1643, 1594, 1513, 1392, 1223, ?

- (a) 996
- (b) 989
- (c) 998
- (d) 992
- (e) 994

Q12. 2, 7, 22, 67, 202, ?

- (a) 606
- (b) 607
- (c) 403
- (d) 1213
- (e) 604

Q13. 5, 6, 9.5, 15, 18.5, 33, 32, ?

- (a) 51
- (b) 68
- (c) 58
- (d) 60
- (e) 63

Q14. 4, 18, 86, 424, ?, 10550

- (a) 2211
- (b) 2112
- (c) 2121
- (d) 2114
- (e) 2210

Q15. 1331, 729, 343, 125, ?

- (a) 27
- (b) 64
- (c) 8
- (d) 216
- (e) 1



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