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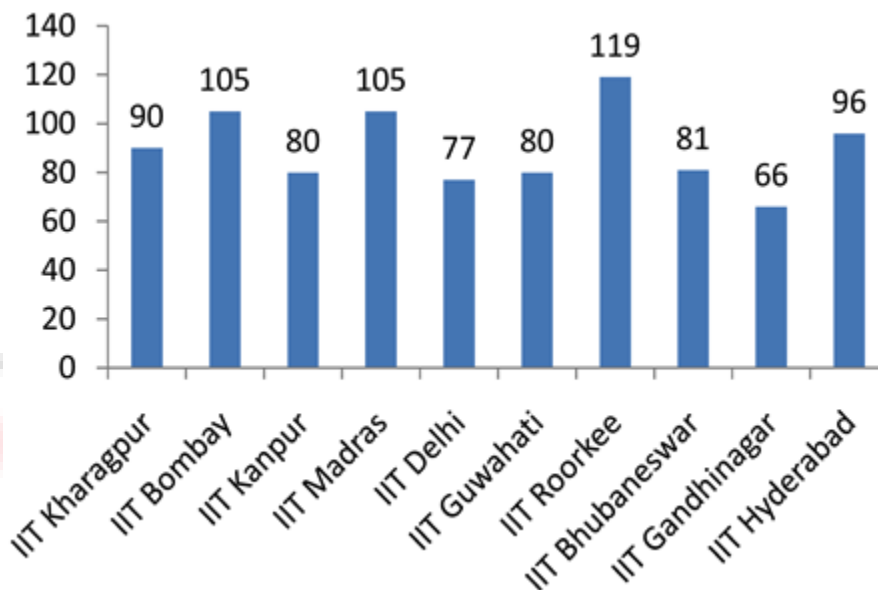
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Date Interpretation Mixed Chart Questions Quiz for IBPS PO Mains, SBI PO Mains, RBI Grade B Exams.

Data Interpretation Mixed Chart Quiz 28

Direction: Study the following pie chart and bar chart carefully and answer the questions based on it.

Number of students selected through campus placements from ten IIT colleges



Percentage of student who did not get campus placements

College	Percentage
IIT Kharagpur	75
IIT Bombay	65
IIT Kanpur	68
IIT Madras	62.5
IIT Delhi	65
IIT Guwahati	66.7
IIT Roorkee	66
IIT Bhubaneswar	55
IIT Gandhinagar	56
IIT Hyderabad	68

Stream wise classification of student in each college (percentage)

College	Civil engineering	Mechanical engineering	Chemical engineering	Computer science engineering
IIT Kharagpur	30	20	35	15
IIT Bombay	20	24	27	29
IIT Kanpur	22	26	32	20
IIT Madras	34	26	22	18
IIT Delhi	18	24	27	31
IIT Guwahati	25	22	27	26
IIT Roorkee	26	28	20	26
IIT Bhubaneswar	16	34	32	18
IIT Gandhinagar	22	26	20	32
IIT Hyderabad	28	16	22	34

1. In which among the following colleges is the number of Mechanical engineering students the second highest?

- A. IIT Kharagpur B. IIT Bombay C. IIT Madras D. IIT Roorkee E. IIT Hyderabad

2. If the number of students selected through campus placements from college IIT Guwahati from Civil engineering, Mechanical engineering, Chemical engineering and Computer science engineering are in the ratio 6 : 5 : 3 : 2, from which stream did the highest percentage of students get selected?

- A. Civil Engineering B. Mechanical Engineering C. Chemical Engineering
D. Computer Science Engineering E. None of these

3. If 65% of the total-number of students selected from college IIT Guwahati are boys and they form 40% of the total number of boys in the college, then what percentage of the girls in the college got selected through campus placements?

- A. 25% B. 28% C. 31% D. 35% E. 41%

4. What percentage of the students studying in the ten colleges got selected through campus placements?

- A. 30.4 B. 31.2 C. 32.5 D. 34.2 E. 36.7

5. What is the percentage of total number of students in Civil Engineering in IIT Kharagpur, IIT Bombay and IIT Kanpur combined together to total number of students in Chemical engineering in IIT Madras, IIT Delhi and IIT Guwahati combined together?

- A. 80% B. 100% C. 120% D. 140% E. None of these

Correct Answers:

1	2	3	4	5
C	A	A	D	C

Common explanation

The details of the college can be tabled as follows

College	Total Students	Selections	Non selections	Civil engineering	Mechanical engineering	Chemical engineering	Computer science engineering
IIT Kharagpur	360	90	270	108	72	126	54
IIT Bombay	300	105	195	60	72	81	87
IIT Kanpur	250	80	170	55	65	80	50
IIT Madras	280	105	175	95	73	62	50
IIT Delhi	220	77	143	40	53	59	68
IIT Guwahati	240	80	160	60	53	65	62
IIT Roorkee	350	119	231	91	98	70	91
IIT Bhubaneswar	180	81	99	29	61	58	32
IIT Gandhinagar	150	66	84	33	39	30	48
IIT Hyderabad	300	96	204	84	48	66	102

Explanations:

1. Following common explanation we get ;
The number of Mechanical engineering student is the second highest in IIT Madras colleges
Hence, option (C) is correct.

2. Following common explanation we get ;
The highest percentage of students got selected are from the Civil engineering stream.
Hence, option (A) is correct.

3. Following common explanation we get ;
Number of boys selected = $\frac{65}{100} \times 80 = 52$

$$\text{The number of boys} = 52 \times \frac{100}{40} = 130$$

$$\text{The number of girls} = 240 - 130 = 110$$

$$\text{Reqd. \%} = \frac{28}{110} \times 100 = 25.2\%$$

Hence, option (A) is correct.

4. Following common explanation we get ;

The total number of student = 2630

The total selections = 899

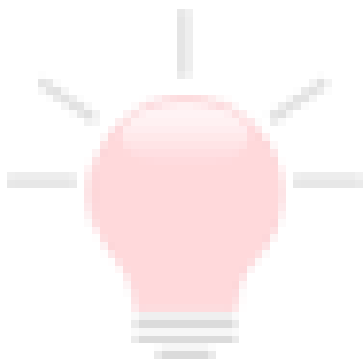
$$\text{The reqd. \%} = \frac{899}{2630} \times 100 = 34.2\%$$

Hence, option (D) is correct.

5. Following common explanation we get ;

$$\text{Reqd. \%} = \frac{108 + 60 + 55}{62 + 59 + 65} \times 100 = \frac{223}{186} \times 100 = 120\%$$

Hence, option (C) is correct.



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