

Data Interpretation - II

1. Study the following table carefully and answer the question given below. Marks obtained by seven students in different subjects in their annual school examinations. Maximum marks is given in bracket.

Subjects	A	B	C	D	E	F	G
Physics(100)	65	58	73	75	68	56	51
Chemistry(100)	59	63	69	52	71	49	72
Maths(150)	132	105	141	128	119	120	135
Social studies(200)	138	126	162	144	150	118	132
English(50)	32	27	33	41	29	35	37
Biology (150)	105	98	112	106	119	107	96
Total(750)	531	477	590	546	556	485	523

- Approximately what is the maximum difference between the percentage of total marks obtained by any two students ?
a.15 b.10 c.12 b.17
- Approximately what is the average of marks obtained by the seven students in biology?
a.126 b.116 c.106 d.96
- What is the difference between the percentage of marks obtained by student 'E' in Chemistry and Maths together and the percentage of marks obtained by student 'A' in Social studies and English together?
a.6 b.8 c.12 d.14
- Approximately what is the average mark obtained by the seven students in Physics?
a.62 b.61 c.65 d.64
- What is the percentage of marks obtained by student F in Biology ,English and Social studies together?
a.58 b.56 c.68 d.65

2. The following table provides employee details for few companies for the year 1994. Refer to the table to answer the questions that follows.

Type A having 0-2000 employees

Type B having 2000-4000 employees

Type C having > 4000 employees

E=Employment, T= termination, Recruitment = employment – termination

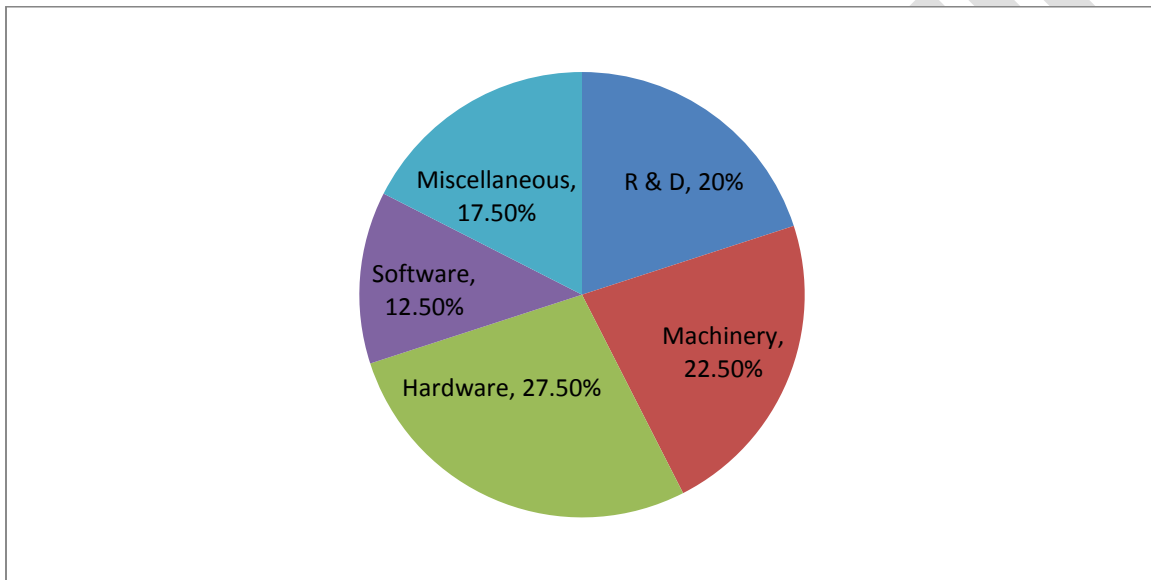
Company- A,B,C

Recruitment	A		B		C		Total	
	E	T	E	T	E	T	E	T
Manager		4			5	5		
Employee	20		10	6				15
Total			25		5	10	60	30

- How many managers were recruited?
a.10 b. 15 c. 30 d. 35
- How many employees were terminated in type A companies ?
a.2 b.3 c.4 d.5

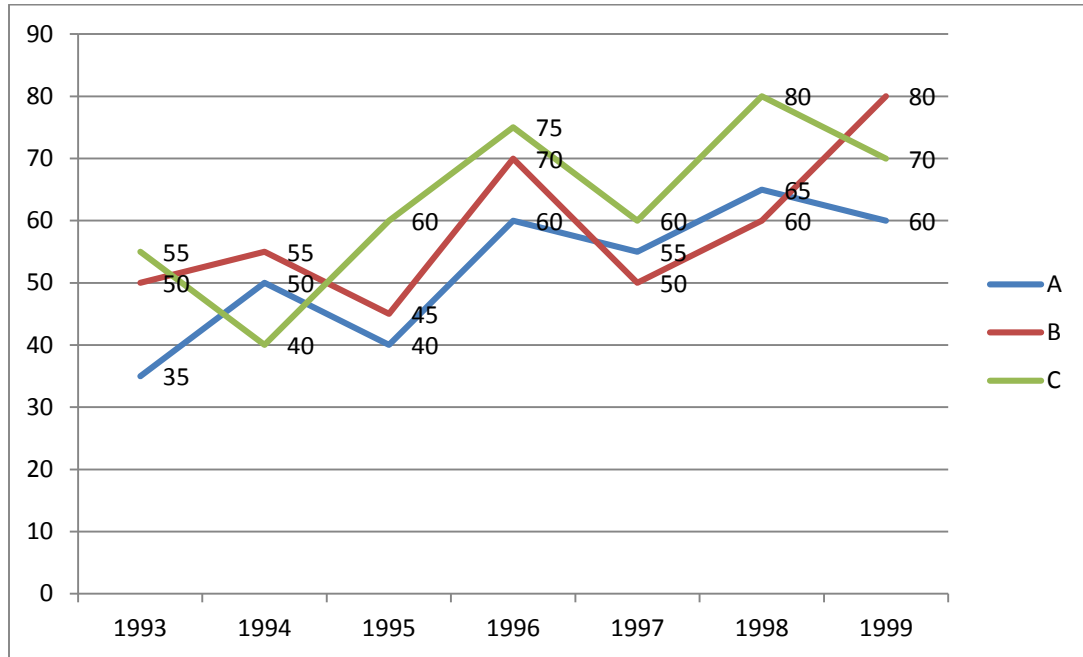
3. What was the overall increase in recruitment in type A companies?
a.30 b.19 c.20 d.22
4. In which of the following categories did the maximum Net Recruitment take place?
a.A, Employee b.B,manager b.B,manager d.C,Employee
5. If the total number of managers at the beginning of 1994 was 65, then what was the % increase in it at the end of 1994?
a.21% b.23% c.6% d.8%

3. The following pie chart shows the expenditure incurred on the manufacturing of a calculator under various heads.study the fallowing pie chart carefully and answer the questions given below.



1. The marked price of a calculator is 24% more than its cost price. If the marked price of a calculator is Rs 186,then what is the cost of R & D used in a single unit of calculator?
a.Rs.37.20 b.Rs.30 c.Rs.42.60 d.46.50
2. If the machinery charges of a single unit is Rs.58.50and the marked price is 30% more than cost price,then what is the marked price of the calculator?
a.Rs.338 b.Rs.375 c.Rs.352 d.Rs.384
3. If the profit is 20% and the selling price of a calculator is Rs.192, then how much money has been spent on it as miscellaneous charges?
a.Rs.33.60 b.40.32 c.Rs.28 d.84
4. What is the cost price of a calculator on which the cost of R &D and machinery charges amount to Rs.127.50?
a.Rs 225 b.Rs54.18 c.Rs.382.50 d.Rs.300

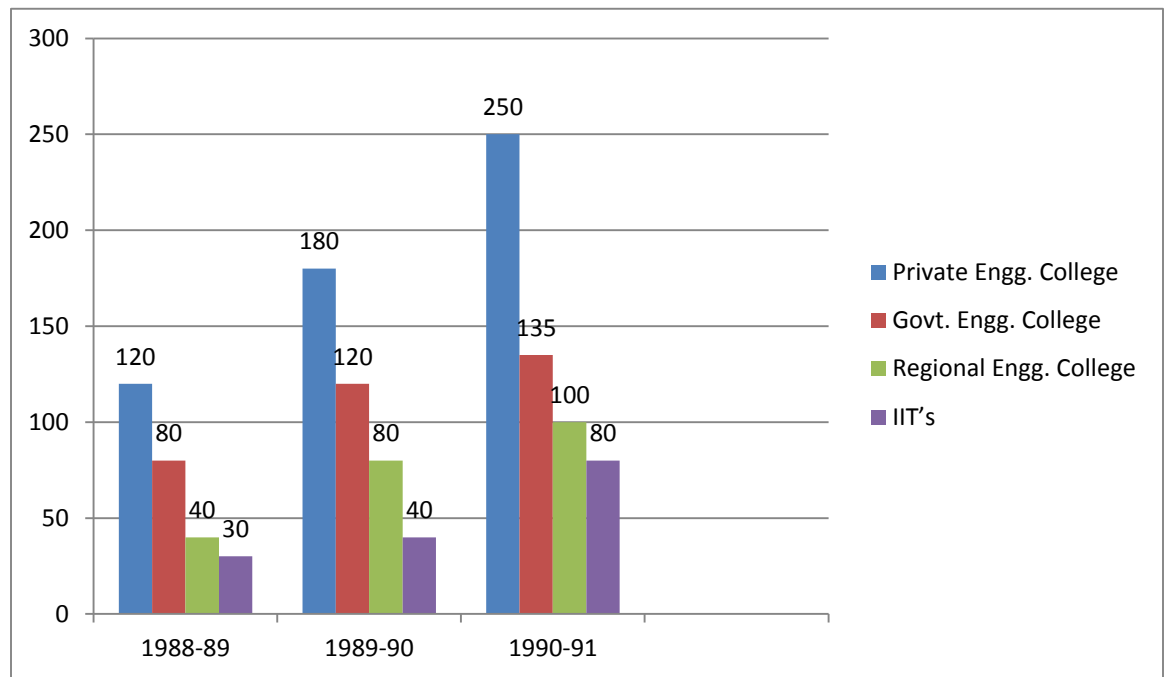
4. Study the following graph carefully and answer the following questions.



- For which of the following pairs of years the total production of three companies together is equal?
 - 1993-94
 - 1995-97
 - 1996-98
 - 1994-95
 - B only
 - C only
 - D only
 - Both C & D
- In which of the following years for company A the % rise/fall from the previous year is the maximum?
 - 1996
 - 1993
 - 1995
 - 1998
- Average production per year for company B is approximately what % of the average production per year for company C?
 - 103%
 - 85%
 - 93%
 - 97%
- What is the difference between the average production of the three companies together in 1997 and the average production of the three companies together in 1999 in thousand tons?
 - 20%
 - 15%
 - 25%
 - 22%

5. Analyze the table and answer the questions carefully

Number of Engineering students (in hundreds) at institutions of different kind.



- What was the total number of engineering students in 1989-90?
 a. 28500 b. 4400 c. 4200 d. 42000
- The growth rate in students of Govt. Engg. Colleges compared to that of Private Engg. Colleges between 1988– 89 and 1989 – 90 is
 a. more b. less c. equal d. 3/2
- The total number of Engg. Students in 1991-92, assuming a 10% reduction in the number over the previous year, is
 a. 5700 b. 57000 c. 44800 d. none of these
- In 1990 – 91, what percent of Engg. Students were studying at IIT's?
 a. 16 b. 15 c. 14 d. 12