

Data Interpretation

Module 1 – Tabular DI

Direction 1:- Centre and Post-wise Number of Candidates

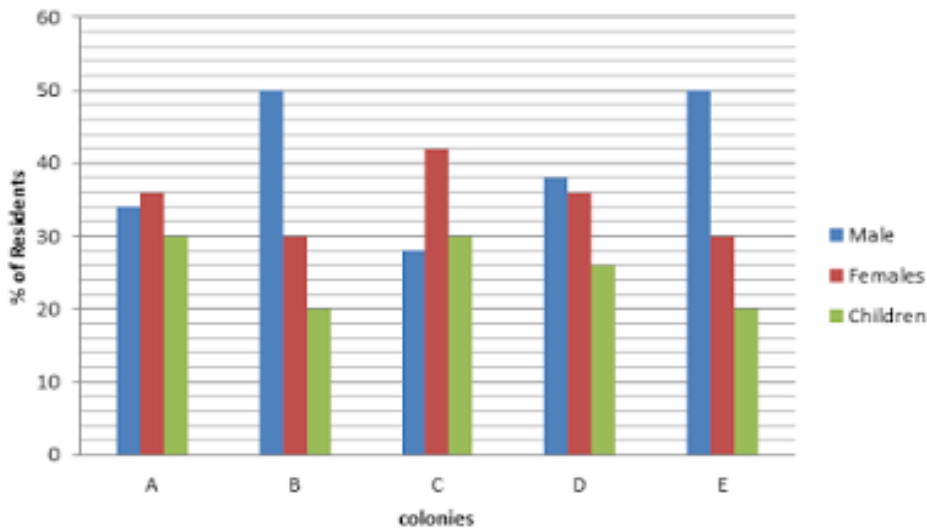
Post/ Central	Officer	Clerk	Field Officer	Supervisor	Specialist Officer
Bangalore	2000	5000	50	2050	750
Delhi	15000	17000	160	11000	750
Mumbai	17000	19500	70	7000	900
Hyderabad	3500	20000	300	9000	1150
Kolkata	14900	17650	70	1300	1200
Luck now	11360	154300	30	1500	650
Chennai	9000	11000	95	1650	500

- Which centre has the highest number of candidates?
(1) Delhi (2) Kolkata (3) Hyderabad (4) Mumbai (5) None of these
- Which centre has 340% number of Clerks as compared to Bangalore?
(1) Luck now (2) Mumbai (3) Hyderabad (4) Chennai (5) None of these
- What is the difference between total number of Officers and Clerks?
(1) 29,680 (2) 34,180 (3) 32,690 (4) 28,680 (5) None of these
- In Kolkata, number for Specialist Officer is approximately what per cent of that of Officers?
(1) 8.7 (2) 9 (3) 6.5 (4) 8 (5) 6.9
- In Chennai, the number of Clerks is approximately how much per cent more than that of Officers?
(1) 18 (2) 22 (3) 20 (4) 2 (5) 13

Direction 2 : Number of units sold over the years in crores

YEAR	2001	2002	2003	2004	2005	2006
A	110	118	143	126	152	195
B	91	93	85	99	69	35
C	103	153	100	128	96	56
D	112	166	78	83	135	198
E	72	169	154	98	140	192
F	64	56	120	70	176	54

- Which Company has sold the maximum number of units over the years?
(1) A (2) C (3) E (4) F (5) None of these
- What is the difference between number of units sold by Company D in the year 2001 and the year 2003?
(1) 3400000 (2) 3400000000 (3) 34000000 (4) 340000000 (5) None of these
- Which Company has sold the minimum number of units over the years?
(1) A (2) B (3) D (4) E (5) None of these
- Number of units sold by Company B in the year 2003 is what percent of the total number of units sold by all the companies together in that year?
(1) 12.76 (2) 15.5 (3) 12.5 (4) 20 (5) None of these
- What is average number of units sold (in crores) in the year 2005?
(1) 130 (2) 133 (3) 127 (4) 121 (5) None of these

Module 2 – Bar Graph**Directions 3 : Percentage of Males, Females and Children Living in Various Colonies**

Total number of residents in various colonies	
A	1250
B	2050
C	1800
D	1150
E	1620

1. What is the total number of females in Colonies A, B and C together?

- (1) 1785 (2) 1821 (3) 1479
(4) 1692 (5) None of these

2. The number of children in Colony A are approximately what per cent of the number of children in Colony E?

- (1) 121 (2) 116 (3) 75
(4) 101 (5) 98

3. What is the respective ratio of the number of males in Colony B to the number of females in the same colony?

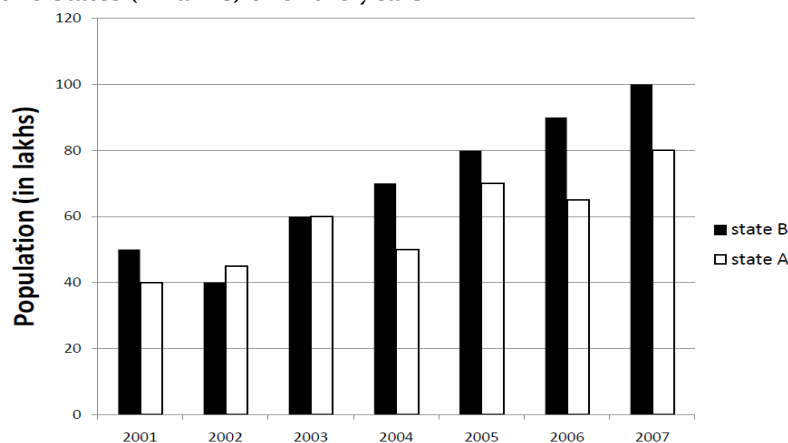
- (1) 3 : 5 (2) 7 : 5 (3) 8 : 7
(4) 5 : 7 (5) None of these

4. What is the average number of residents from all the colonies together?

- (1) 1654 (2) 1600 (3) 1580
(4) 1574 (5) None of these

5. What is the difference between the number of males in Colony D and the number of children in the same colony?

- (1) 138 (2) 126 (3) 136
(4) 135 (5) None of these

Direction 4 :- Population of two states (in lakhs) over the years

1. Approximately what is the average population of state A for all the given Years?

- (1) 65 lakhs (2) 50 lakhs (3) 48 lakhs
(4) 58 lakhs (5) 52 lakhs

2. What is the ratio of the total population of state A for the years 2001, 2002 and 2003 together to the total population of state B for the years 2005, 2006 and 2007 together?

- (1) 27 : 53 (2) 54 : 29 (3) 39 : 54

- (4) 53 : 27 (5) None of these

3. What is the per cent rise in the population of state B from 2003 to 2004?

- (1) 16.33 (2) 16.66 (3) 18.66
(4) 18.33 (5) None of these

4. What is the difference (in lakhs) in the total population of state A and the total population of state B for all the years together?

- (1) 60 (2) 80 (3) 70 (4) 90 (5) None of these

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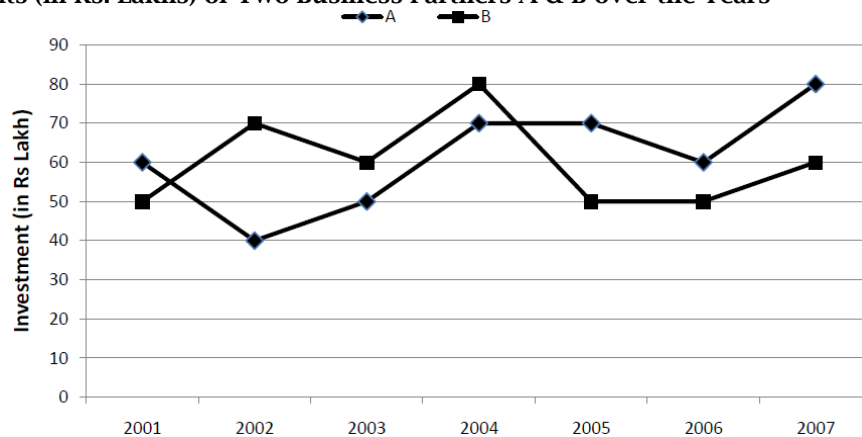
5. For which state and in which year was the per cent rise in population from the previous year was the highest?

- (1) State B-2003
(3) State A-2004
(5) None of these

- (2) State B-2002
(4) State A-2005

Module 3 – Line Graph

Direction 5 - Investments (in Rs. Lakhs) of Two Business Partners A & B over the Years



1. What was the per cent rise in A's investment in 2004 from the previous year?

- (1) 25% (2) 20% (3) 33.33%
(4) 33.66% (5) None of these

- (1) 5 : 6 (2) 6 : 5 (3) 15 : 17
(4) 17 : 15 (5) None of these

2. Investment of B in 2003 is approximately what per cent of his total investment for all the years together?

- (1) 12 (2) 18 (3) 20 (4) 17 (5) 14

4. What was the per cent rise in investment of B in 2004 from 2001?

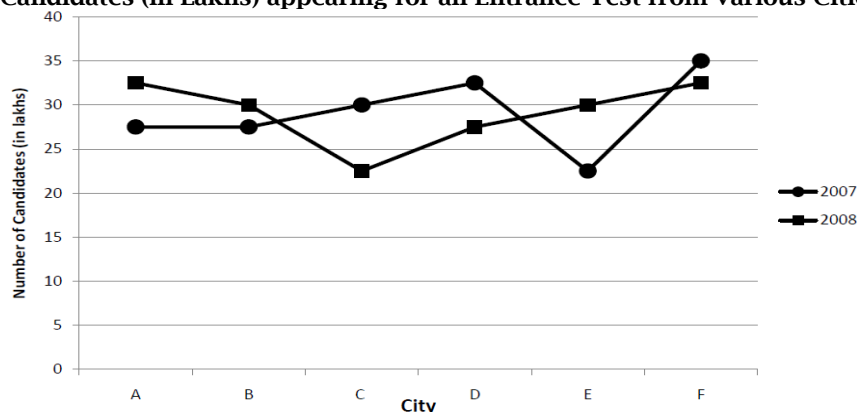
- (1) 45.6 (2) 37.5 (3) 30
(4) 60 (5) None of these

3. What is the ratio of the total investment of A in 2001, 2002 and 2003 together to the total investment of B in these three years together respectively?

5. What was the percent rise/fall in the total investment of A & B together from 2002 to 2005? (rounded off to two digits after decimal)

- (1) 8.33% fall (2) 9.09% rise (3) 8.33% rise (4) 9.09% fall (5) None of these

Direction 6 - Number of Candidates (in Lakhs) appearing for an Entrance Test from various Cities



1. What is the ratio of the number of candidates appearing for the Entrance Test from city A to that from city D in the year 2008?

- (1) 11 : 12 (2) 13 : 11 (3) 12 : 11 (4) 11 : 13 (5) None of these

2. What is the approximate-average number of candidates appearing for the Entrance Test from all the cities together in the year 2007?

- (1) 2800000 (2) 2901000 (3) 2755000
(4) 2795000 (5) 2917000

of the number of candidates appearing for the Entrance Test from city C in the same year?

- (1) 75 (2) 112 (3) 124
(4) 133 (5) 97

3. The number of candidates, appearing for the Entrance Test from city B in the year 2008 is approximately what percent

4. What is the ratio of the number of students appearing for the Entrance Test from cities A, B and C together in the year

2007 to the number of students appearing for the Entrance Test from cities D, E and F together in the same year?

- (1) 18 : 17 (2) 13 : 14 (3) 17 : 18
(4) 14 : 13 (5) None of these

5. The number of candidates appearing for the Entrance Test from city E in the year 2008 is what per cent of the total

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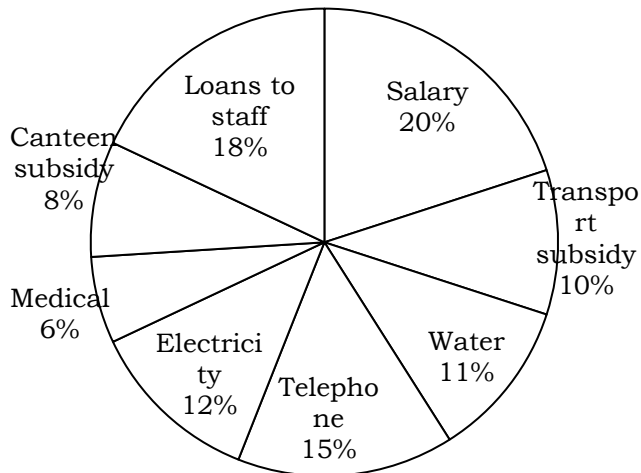
number of candidates appearing for the Entrance Test from all the cities together in that year (rounded off to two digits after decimal)?

- (1) 17.14 (2) 15.43 (3) 20.31
(4) 14.49 (5) None of these

Module 4 – Pie-Chart

Direction 7- Average monthly expenditure of an organization under various heads

Total expenditure = Rs. 18, 50,000



1. What is the amount spent on transport subsidy and canteen subsidy together?

- (1) Rs. 334000 (2) Rs. 343000 (3) Rs. 330000
(4) Rs. 333000 (5) None of these

2. What is the difference between the expenditure on salary and that on loans to staff?

- (1) Rs. 37200 (2) Rs. 35700 (3) Rs. 37500
(4) Rs. 35000 (5) None of these

3. The amount spent on medical is what per cent of the amount spent on salary?

- (1) 30% (2) 33% (3) 25%
(4) 22% (5) None of these

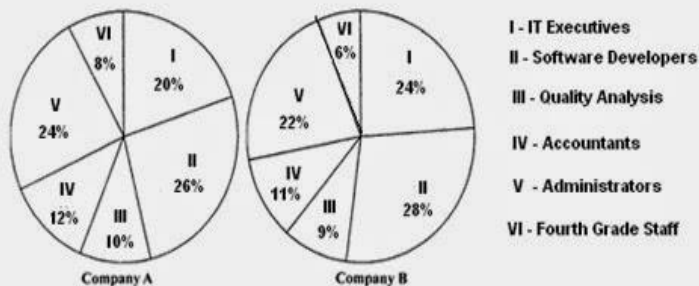
4. What is the amount spent on telephone?

- (1) Rs. 275500 (2) Rs. 270500 (3) Rs. 277500
(4) Rs. 277000 (5) None of these

5. What is the total expenditure on electricity and water together?

- (1) Rs. 425000 (2) Rs. 425500 (3) Rs. 422500
(4) Rs. 425800 (5) None of these

Direction 8 - Percentages of different types of employees of two different companies A and B are given pie-charts. The numbers of IT executives in Company A and Company B are 880 and 864 respectively.



1. What is the difference between the number of Software Developers in Company A and that in Company B?

- (1) 132 (2) 134 (3) 136 (4) 138 (5) 140

2. In which pair is the difference between the numbers of employees of these two types the same for Company A and Company B?

- (1) I & IV (2) II & VI (3) III & V
(4) I & VI (5) None of these

3. What is the ratio of the number of Accountants in Company A to that in Company B?

- (1) 55 : 54 (2) 4 : 3 (3) 5 : 4 (4) 25 : 22 (5) None of these

4. In Company B the number of IT Executives is what percentage more than the number of Quality Analysts?

- (1) 112% (2) 133.33% (3) 166%
(4) 176.6% (5) None of these

5. If the number of Administrative staff was 770 in Company A, what would be its approximate percentage in the company?

- (1) 13.5% (2) 15% (3) 16%
(4) 17% (5) 18.5%