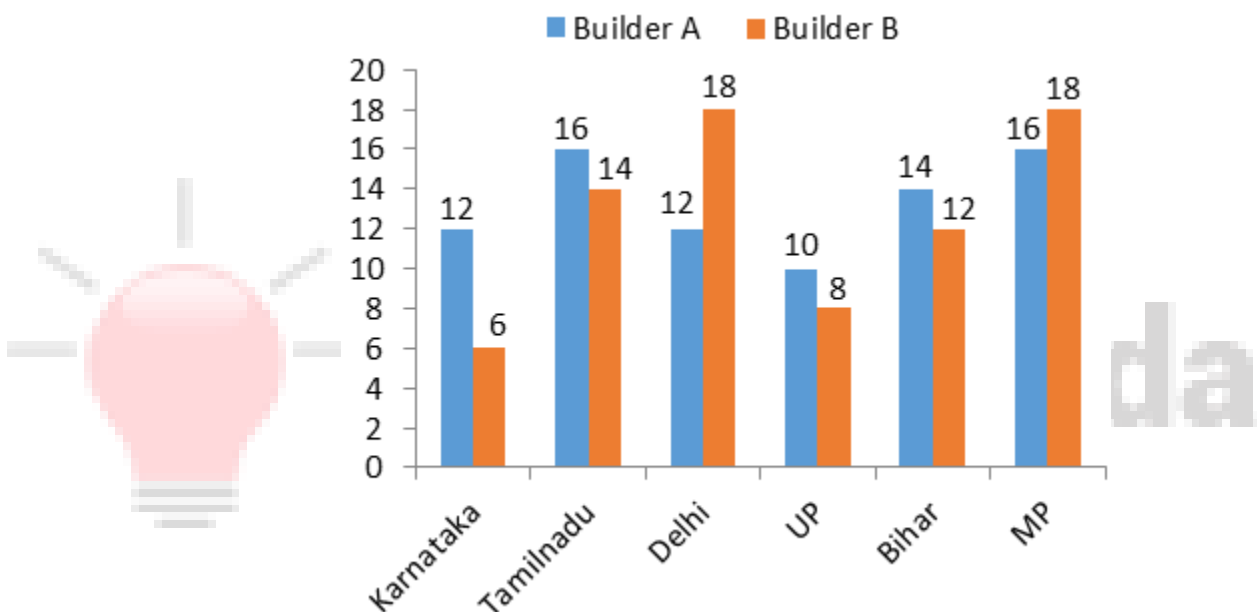# Date Interpretation Mixed Chart Questions Quiz for IBPS PO Pre, SBI PO Pre, IBPS Clerk Mains, SBI Clerk Mains, IBPS SO Pre and RRB Scale I Pre Exams.

Data Interpretation Mixed Chart Quiz 29

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

Following bar graph shows the amount of money allocated (in lakh) to 2 builders by six different state governments for various government projects such as House building, Road development, Bridge development and Metro projects.

Builder A   Builder B

State	Builder A	Builder B
Karnataka	12	6
Tamilnadu	16	14
Delhi	12	18
UP	10	8
Bihar	14	12
MP	16	18

The table shows the spending of each builder in various development aspects every year.

Project	Builder A	Builder B
House	15%	35%
Roads	35%	20%
Bridge	20%	30%
Metro	30%	15%

1. Find that the amount allocated to builder B for Bridges in the states Delhi, UP, Bihar and MP together is how much more than the amount allocated to builder A for bridges on same states together?

A. 5.2 lakh   B. 3.2 lakh   C. 6.4 lakh   D. 4.8 lakh   E. None of these

2. If the amount allocated to builder A for Metro development in Kerala is 25% of total amount allocated to him for Roads development in given 6 states and amount allocated to builder B for House development in Kerala is 30% of total amount allocated to him for Bridge development in given 6 states, then find the difference between the amount allocated to builder A for Metro development in Kerala and amount allocated to builder B for House development in Kerala.

A. Rs. 25000   B. Rs. 36000   C. Rs. 16000   D. Rs. 9000   E. None of these

3. Find the ratio of amount allocated to builder B for House development in the states Karnataka, Tamilnadu, Delhi and UP together to the amount allocated to builder A for House development in the states Karnataka, Tamilnadu, Delhi and UP together.

A. 75 : 161   B. 61 : 175   C. 161 : 75   D. 161 : 175   E. None of these

4. If Builder A saves 15% of the amount allocated for House development in the state Delhi and deposited that amount in a scheme which offers 12% simple interest per annum, then find that builder A will receive what amount as interest from the scheme at the end of 4 years from the investment.

 A. Rs. 19620   B. Rs. 12690   C. Rs. 12960   D. Rs. 16920   E. None of these

5. Builder B bought a bike from the 40% of amount allocated to him for Metro development in the state MP. If the builder purchased that bike at discount of 20% on the marked price, then find the marked price of the bike.

A. 1.2 lakh   B. 1.08 lakh   C. 1.5 lakh   D. 1.35 lakh   E. None of these

6. Find the ratio of total amount allocated to builder A for Bridge development in states Karnataka, Delhi and Bihar together to the total amount allocated to builder B for Metro development in states Tamilnadu, UP and MP together.

A. 15 : 19   B. 19 : 15   C. 16 : 15   D. 16 : 19   E. None of these

Correct Answers:

1	2	3	4	5	6
C	C	C	C	D	B

Explanations:

1. Amount allocated to builder A for Bridges in the states Delhi, UP, Bihar and MP together = 20% of (12 + 10 + 14 + 16) = 10.4 lakh

Amount allocated to builder B for Bridges in the states Delhi, UP, Bihar and MP together = 30% of (18 + 8 + 12 + 18) = 16.8 lakh

Required amount = 16.8 – 10.4 lakh = 6.4 lakh

Hence, option C is correct.

2. Total amount allocated to builder A for Roads development in given 6 states = 35% of (12 + 16 + 12 + 10 + 14 + 16) = 28 lakh

Amount allocated to builder A for Metro development in Kerala = 25% of 28 lakh = 7 lakh

Total amount allocated to builder B for Bridge development in given 6 states = 30% of (6 + 14 + 18 + 8 + 12 + 18) = 22.8 lakh

Amount allocated to builder B for House development in Kerala = 30% of 22.8 lakh = 6.84 lakh

Required difference = 7 – 6.84 = 0.16 lakh = Rs.16000

Hence, option C is correct.

3. Amount allocated to builder B for House development in the states Karnataka, Tamilnadu, Delhi and UP together = 35% of (6 + 14 + 18 + 8) = 16.1 lakh

Amount allocated to builder A for House development in the states Karnataka, Tamilnadu, Delhi and UP together = 15% of (12 + 16 + 12 + 10) = 7.5 lakh

Required ratio = 16.1 : 7.5 = 161 : 75

Hence, option C is correct.

4. Amount allocated for House development in the state Delhi to builder A = 15% of 12 lakh = 1.8 lakh
Amount saved = 15% of 1.8 lakh = Rs. 27000

Interest from the scheme at the end of 4 years $= \dfrac{27000 \times 12 \times 4}{100} =$ Rs. 12960

Hence, option C is correct.

5.   Amount spent by builder B on bike = 40% of amount allocated to builder B for Metro development in

MP = 40% of 15% of 18 lakh = 1.08 lakh

Purchase price of bike for builder B = 1.08 lakh

Marked price of bike for builder B $= 1.08 \times \dfrac{100}{80} = 1.35$ lakh
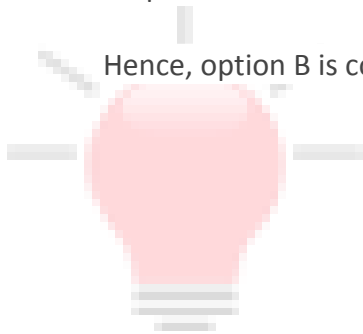
Hence, option D is correct.

6.   Total amount allocated to builder A for Bridge development in states Karnataka, Delhi and Bihar together = 20% of (12 + 12 + 14) = 7.6 lakh

Total amount allocated to builder B for Metro development in states Tamilnadu, UP and MP together = 15% of (14 + 8 + 18) = 6 lakh

Required ratio = 7.6 : 6 = 19 : 15

Hence, option B is correct.