Date Interpretation Table Chart Questions for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

DI Table Chart Quiz 70

Directions: Study the following table chart carefully and answer the questions given beside:

The table given below gives the information about various types of food crops produced (in thousand tons) in a country called Bingoladesh for two years. It also shows the percentage contribution of Dhaka, one of the states of Bingoladesh, to the total production of the crop.

Year → Food crop ↓	2016		2017	
	Production	Percentage contribution of Dhaka	Production	Percentage contribution of Dhaka
Wheat	80	30	220	40
Pearl Millet	125	20	150	30
Rice	160	45	280	35
Pulses	400	32	270	50
Others	280	50	200	34

1. What was the total quantity of food crops (in thousand tons) produced in the states Dhaka in the year 2016?

A. 379   B. 365   C. 359   D. 389   E. None of these

2. The total quantity of food crops produced in the year 2017 in the state Dhaka was how much more than that produced in the year 2016 in the same state?

A. 65 thousand tons   B. 45 thousand tons   C. 75 thousand tons   D. 95 thousand tons   E. None of these

3. In the state Dhaka, the price of pearl millet in the year 2016 was 60% higher than that of wheat in the year 2017 then in the state Dhaka, the total amount received from the wheat in the year 2017 was how much percentage more than that from pearl millet in the year 2016?

A. 210%   B. 200%   C. 110%   D. 120%   E. None of these

4. What was the ratio of total quantity of food crops produced in the year 2016 in Bingoladesh to that in the year 2017 in Bingoladesh?

A. 209 : 224   B. 211 : 224   C. 213 : 224   D. 2013 : 225   E. None of these

5. In the year 2016, Bingoladesh exports 13% of total pulses produced in that year and in the year 2017, it exports 20% of total pulses produced in that year then total what quantity of pulses did Bingoladesh export in the year 2016 and 2017 together?

A. 104 thousand tons   B. 106 thousand tons   C. 108 thousand tons   D. 112 thousand tons   E. None of these

Correct Answers:

1	2	3	4	5
D	B	D	A	B

Explanations:

1.

Year→ Food crop ↓	2016		2017	
	Production	Percentage contribution of Dhaka	Production	Percentage contribution of Dhaka
Wheat	80	30% of 80 = 24	220	40% 220 = 88
Pearl Millet	125	20% of 125 = 25	150	30% of 150 = 45
Rice	160	45% of 160 = 72	280	35% of 280 = 98
Pulses	400	32% of 400 = 128	270	50% of 270 = 135
Others	280	50% of 280 = 140	200	34% of 200 = 68
Total	1045	389	1120	434

Hence, option D is correct.

2. The total quantity of food crops produced in the year 2017 in the state Dhaka = 434 thousand tons

The total quantity of food crops produced in the year 2016 in the state Dhaka = 389 thousand tons

The required difference = 434 − 389 = 45 thousand tons

Hence, option B is correct.

3. In the year 2016, the total quantity of pearl millet produced in Dhaka = 25 thousand tons
In the year 2017, the total quantity of pearl millet produced in Dhaka = 88 thousand tons

Let in the year 2017, the price of wheat = Rs. x per thousand ton then in the year 2016, the price of pearl millet = 160% of x = 1.6x per thousand ton

In the year 2016, the total money received from pearl millet = 25 × 1.6x = Rs. 40x
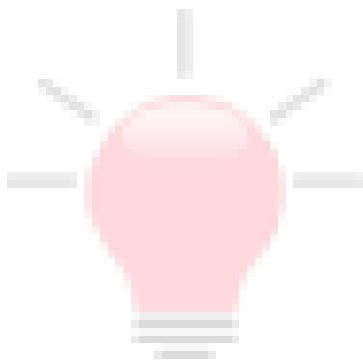In the year 2017, the total money received from wheat = 88 × x = Rs. 88x

The reqd. % = $\dfrac{(88x - 40x) \times 100}{40x} = \dfrac{48x \times 100}{40x} = 120\%$

Hence, option D is correct.

4. Total quantity of food crops produced in the year 2016 in Bingoladesh = 1045 thousand tons

Total quantity of food crops produced in the year 2017 in Bingoladesh = 1120 thousand tons

The required ratio = 1045 : 1120 = 209 : 224

Hence, option A is correct.

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5. The total quantity of pulses produced in the year 2016 = 400 thousand tons

The total quantity of pulses produced in the year 2017 = 270 thousand tons

The required sum = 13% of 400 + 20% of 270 = 52 + 54 = 106 thousand tons

Hence, option B is correct.