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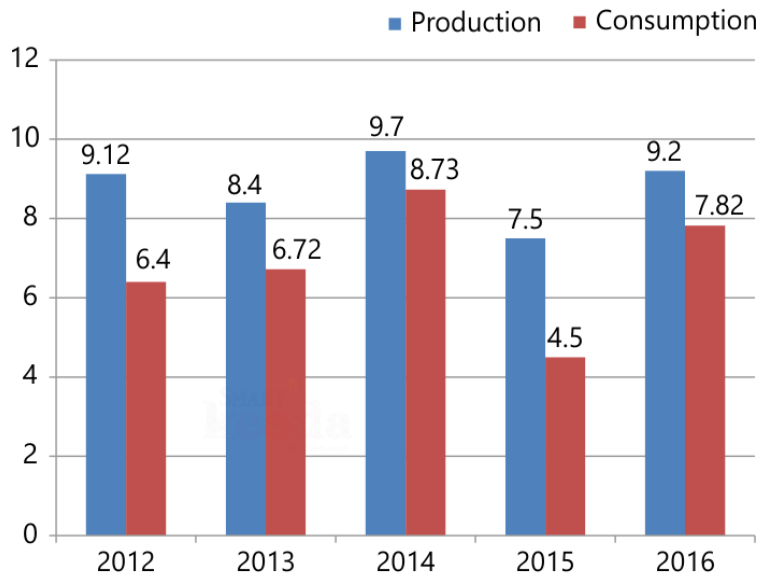
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Date Interpretation Bar Graph Questions for Bank Clerk Pre Exams.

DI Bar Chart Quiz 28

Directions: Study the graph carefully and answer the following questions.

The graph shows the production and consumption of rice (in tonnes) in five different years in a particular area.



1. Find the average consumption of rice (in tonnes) in year 2012, 2015 and 2016.

- A. 8.21 B. 7.25 C. 6.24 D. 4.62 E. 5.92

2. If the consumption of rice in 2013 is increased by 25% and the production of rice in same year is also increased by 10%, find the percentage of consumption in 2013.

- A. 90% B. 80% C. 80.5% D. 75% E. $90\frac{10}{11}\%$

3. Find the ratio of the production of rice in 2012 and 2014 together to the consumption of rice in same year.

- A. 1880 : 1513 B. 175 : 114 C. 1015 : 999 D. 1512 : 1877 E. None of these

4. The consumption of rice in 2012 and 2015 together is approximately how much percentage of the production of rice in 2014?

- A. 115% B. 112% C. 120% D. 98% E. 108%

5. If the production of rice in 2017 is 20% more than the production of rice in 2015 and the percentage of consumption is same as in 2015, find the consumption of rice in 2017.

- A. 6 B. 4.8 C. 5.4 D. 6.3 E. 7.2

Correct Answers:

1	2	3	4	5
C	E	E	B	C

Explanations:

1. Consumption of rice in 2012 = 6.4

Consumption of rice in 2015 = 4.5

Consumption of rice in 2016 = 7.82

Average consumption

$$= \frac{6.4 + 4.5 + 7.82}{3}$$

$$= \frac{18.72}{3} = 6.24$$

Hence, option C is correct.

2. Because consumption is increased by 25%,

Now consumption = $6.72 \times 125\% = 8.4$

Production is increased by 10%,

Now production = $8.4 \times 110\% = 9.24$

Percentage of consumption

$$= \frac{8.4}{9.24} \times 100$$

$$= 90\frac{10}{11}\%$$

Hence, option E is correct.

3. Production of rice in 2012 = 9.12

Production of rice in 2014 = 9.7

Consumption of rice in 2012 = 6.4

Consumption of rice in 2014 = 8.73

Required ratio = $9.12 + 9.7 : 6.4 + 8.73$

$$= 18.82 : 15.13$$

$$= 1882 : 1513$$

Hence, option E is correct.

4. Consumption of rice in 2012 = 6.4

Consumption of rice in 2015 = 4.5

Production of rice in 2014 = 9.7

$$\text{Reqd. \%} = \frac{6.4 + 4.5}{9.7} \times 100$$

$$= \frac{10.9}{9.7} \times 100 = 112.37\% \approx 112\%$$

Hence, option B is correct.

5. Production of rice in 2015 = 7.5

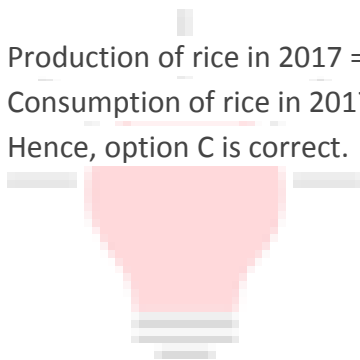
Consumption of rice in 2015 = 4.5

$$\% \text{ of consumption} = \frac{4.5}{7.5} \times 100 = 60\%$$

Production of rice in 2017 = $7.5 \times 120\% = 9$

Consumption of rice in 2017 = $9 \times 60\% = 5.4$

Hence, option C is correct.



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