



MATHS

BOOKS - S CHAND MATHS (ENGLISH)

INDEX NUMBERS AND MOVING AVERAGES

Multiple Choice Questions

1. If the price index of a commodity is 140, then the percentage increase in the price of the

commodity in current year as compared to base year is

A. 0.04

B. 0.4

C. 0.2

D. 0.1

Answer: B



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2. If a machine costs ₹ 12000 in the year 2015 and ₹ 18000 in the year 2019, then the price relative is

A. 180

B. 120

C. 150

D. 125

Answer: C



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3. If the price index of a commodity in the year 2016 taking 2014 as the base year is 125, then the index number for the year 2014 taking 2016 as the base year is

A. 80

B. 75

C. 60

D. 120

Answer: A



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4. In Delhi if 2.5 lac cars were registered in 2010 and 10 lac cars were registered in 2015, then the quantity index is

A. 250

B. 500

C. 400

D. 800

Answer: C



5. The price relative of wheat is 125 in 2015 compared to 2012. If the wheat costs ₹ 16 per kg in 2012, then its cost (per kg) in 2015 is

A. ₹ 18

B. ₹ 20

C. ₹ 24

D. ₹ 25

Answer: B



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6. The price relative of TV set is 80 in 2016 compared to 2014. If a TV set costs ₹ 15000 in 2014, then its cost in 2016 is

A. ₹ 12000

B. ₹ 18750

C. ₹ 12500

D. none of these

Answer: A



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7. The price relative of sugar is 110 in 2012 as compared to 2011. If the sugar costs ₹ 33 per kg in 2012, then its cost (per kg) in 2011 was

A. ₹ 36.30

B. ₹ 29.70

C. ₹ 30

D. ₹ 27

Answer: C



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8. The price relative of coal is 80 in 2015 compared to 2012. If coal costs ₹ 6 per kg in 2015, then its cost (per kg) in 2012 was

A. ₹ 4.80

B. ₹ 7.50

C. ₹ 9

D. ₹ 12

Answer: B



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9. The monthly salary of an employee was ₹ 6000 in 2005 and ₹ 9000 in 2010. The salary of the employee is linked to consumer price index. If the consumer price index in 2005 was 150, then the consumer price index in 2010 was

A. 225

B. 180

C. 100

D. none of these

Answer: A



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10. Using 2016 as base year, the index numbers for the prices of a commodity in 2017 and 2018 are 125 and 150 respectively. The index number or the price of the commodity in 2018 taking as 2017 base year is

A. 125

B. 150

C. 120

D. 137.5

Answer: C



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