Sub: Arithmetic   **Class: 7**   **Date: 09. 06.20**
Duration: 40 min   **Worksheet Solutions 27**   **Full Marks: 15**
DOUBLE BAR GRAPHS

Choose the Correct options:

Q1-Q5 The bar graph given below shows the sales of books (in thousand number) from six branches of a publishing company during two consecutive years 2000 and 2001.
*Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.*
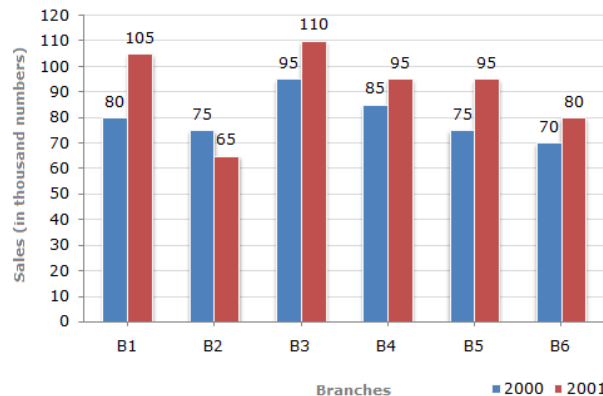
1.   What is the ratio of the total sales of branch B2 for both years to the total sales of branch B4 for both years?
   A. 2:3
   B.3:5
   C.4:5
   D.7:9

2.   Total sales of branch B6 for both the years is what percent of the total sales of branches B3 for both the years?
   A.68.54%
   B.71.11%
   C.73.17%
   D.75.55%

3.   What percent of the average sales of branches B1, B2 and B3 in 2001 is the average sales of branches B1, B3 and B6 in 2000?
   A.75%
   B.77.5%
   C.82.5%
   D.87.5%

4.   What is the average sales of all the branches (in thousand numbers) for the year 2000?
   A.73
   B.80
   C.83
   D.88

5.   Total sales of branches B1, B3 and B5 together for both the years (in thousand numbers) is?
   A.250
   B.310
   C.435
   D.560

Nilanjana Bhadra

Q6-Q10. The bar graph given below shows the data of the production of paper (in lakh tonnes) by three different companies X, Y and Z over the years.
*Production of Paper (in lakh tonnes) by Three Companies X, Y and Z over the Years.*
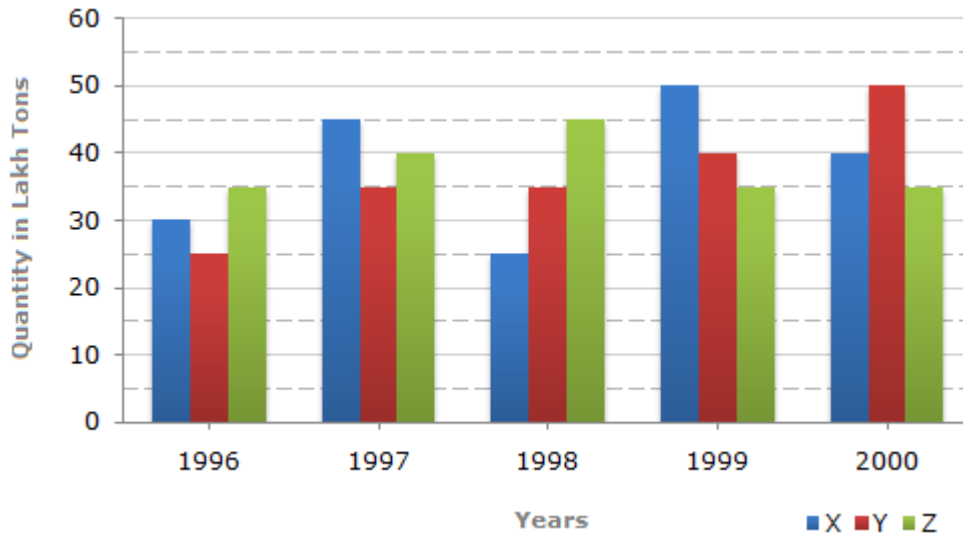
6.   For which of the following years, the percentage rise/fall in production from the previous year is the maximum for Company Y?

    A.1997
    B.1998
    C.1999
    D. 2000

7.   What is the ratio of the average production of Company X in the period 1998-2000 to the average production of Company Y in the same period?

    A.1:1
    B.15:17
    C.23:25
    D.27:29

8.   The average production for five years was maximum for which company?

    A.X
    B.Y
    C.Z
    D. X and Z both

9.   In which year was the percentage of production of Company Z to the production of Company Y the maximum?

    A.1996
    B.1997
    C.1998
    D. 1999

10.   What is the percentage increase in the production of Company Y from 1996 to 1999?

    A.30%
    B.45%
    C.50%
    D.60%

Q11-Q15. A cosmetic company provides five different products. The sales of these five products (in lakh number of packs) during 1995 and 2000 are shown in the following bar graph.

Sales (in lakh number of packs) of five different products of Cosmetic Company during 1995 and 2000
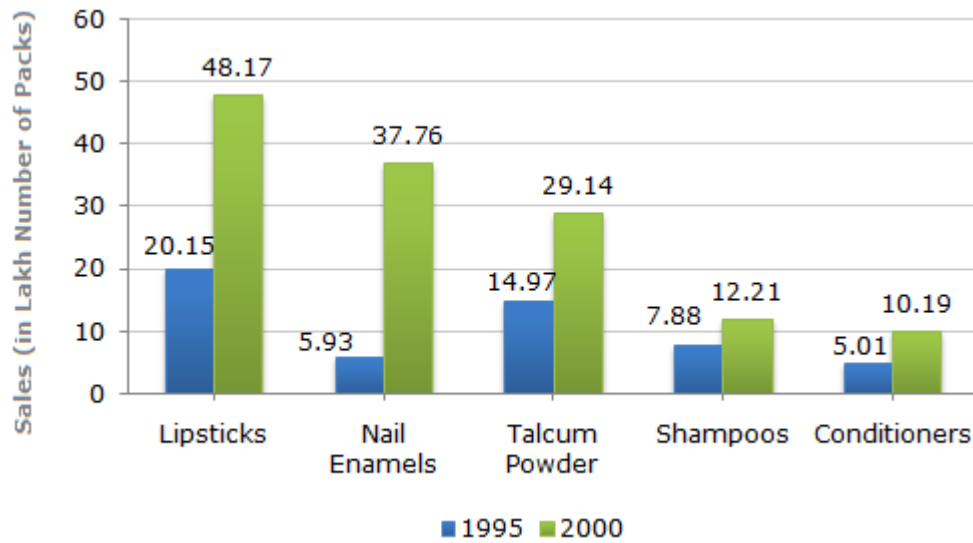
11.   The sales of lipsticks in 2000 was by what percent more than the sales of nail enamels in 2000? (rounded off to nearest integer)
      A.33%
      B.31%
      C.28%
      D.22%

12.   During the period 1995-2000, the minimum rate of increase in sales is in the case of?
      A.Shampoos
      B.Nail enamels
      C.Talcum powders
      D.Lipsticks

13.   What is the approximate ratio of the sales of nail enamels in 2000 to the sales of Talcum powders in 1995?
      A.7:2
      B.5:2
      C.4:3
      D.2:1

14.   The sales have increase by nearly 55% from 1995 to 2000 in the case of?
      A.Lipsticks
      B.Nail enamels
      C.Talcum powders
      D.Shampoos

15.   The sales of conditioners in 1995 was by what percent less than the sales of shampoos in 1995? (Rounded off to nearest integer)
      A.57%
      B.36%
      C.29%
      D.25%