MATHS

BOOKS - RD SHARMA MATHS (ENGLISH)

DATA HANDLING 3

Others

1. The following data gives the number of students of Delhi state who went abroad for

study during some years:

year:	1995	1996	1997	1998	1999	2000
No. of Students	1400	1600	1250	1000	2000	2200

Represent the above data with the help of a bar graph.

2. In a school, there are five sections of class VII. The number of students in each section is given below. Construct a bar graph

representing this data: Section, A, B, C, D, E No. of Students, 40, 48, 52, 45, 30

3. The population of four major cities in India in a particular year is given below: City, Mumbai, Kolkata, Delhi, Chennai No. of Students, 120, 130, 150, 80 Construct a bar graph to represent the above data.

4. The results of pass percentage of Class X and XII in C.B.S.E. examination for 5 years are given in the following table: Year: 1994-95 1995-96 1996-97 1997-98 1998-99 X: 90 95 90 80 98 XII: 95 80 85 90 95 Draw bar graphs to represent the data.

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5. Two hundred students of class VI and VII were asked to name their favourite colours so as to decide upon what should be the colour

of their school house. The results are shown in the following table. Colour:, Red, Green, Blue, Yellow, Orange Number of student, 43, 19, 55, 49, 34 Represent the given data on a bar graph. Which is the most preferred colour and which is the least? How many colours are there in all?

6. Following data gives total marks (out of 600) obtained by six children of a particular

class. Student:, Ajay, Bali, Dipti, Faiyaz, Gotika, Hari Marks obtained:, 450, 500, 300, 360, 400, 540 Represent the data by a bar graph

7. Consider the following data gathered from a survey of a colony: Favourite Sport, Cricket, Basket-Ball, Swimming, Hockey, Athletics Watching, 1240, 470, 510, 423, 250 Participating, 620, 320, 320, 250, 105 Draw a double bar graph choosing an appropriate

scale. What do you infer from the bar graph? Which sport is most popular? What is more preferred watching or participating in sports?

8. The production of saleable steel in some of the steel plants of our country during 1999 is given below: Plant, Bhilai, Durgapur, Rourkela, Bokaro Production (In thousand tonnes), 160, 80, 200, 150 Construct a bar graph to represent the above data on a graph paper by

using the scale 1 big divisions = 20 thousand tonnes.

9. The following data gives the number (in thousands) of applicants registered with an Employment Exchange during, 1995-2000: year, 1995, 1996, 1997, 1998, 1999, 2000 No. of application (Registered (in Thousand), 18, 20, 24, 28, 30, 34 Construct a bar graph to represent the above data.

10. The following table gives the route length (in thousand kilometres) of the Indian Railways in some of the years: Year, 1960-61, 1970-71, 1980-81, 1990-91, 2000-2001 Route length (in thousand kilometres), 56, 60, 61, 74, 98 Represent the above data with the help of a bar graph.

11. The following data gives the amount of loans (in crores of rupees) disbursed by a bank during some years: Year, 1992, 1993, 1994, 1995, 1996 Loan (in crores of rupees), 28, 33, 55, 55, 80 Represent the above data with the help of a bar graph. With the help of the bar graph, indicate the year in which amount of loan is not increased over that of the preceding year.

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12. The following table shows the interest paid by a company (in lakhs): Year, 1995-96, 1996-97, 1997-98, 1998-99, 1999-2000 Interest (in lakhs of rupees), 20, 25, 15, 18, 30 Draw the bar graph to represent the above information.

13. The following data shows the average age of men in varicus countries in a certain year: Country, India, Nepal, China, Pakistan, U.K., U.S.A

Average age (in years), 55, 52, 60, 50, 70, 75

Represent the above information by a bar graph.

14. The following data gives the production of food grains (in thousand tonnes) for some years: Year   1995   1996

1997   1998   1999   2000

Production (in thousand tonnes)

120   150   140

180   170   190 Represent the

above data with the help of a bar graph.

15. The following data gives the amount of

manure (in thousand tonnes) manufactured

by   a   company   during   some   years:

year 1992   1993 1994   1995   1996   1997

Manure (in thousand tonnes)   15   35

45 30   40   20 (i) Represent the above data

with the help of a bar graph. (ii) Indicate with

the help of the bar graph the year in which the amount of manufactured by the company was maximum. (iii) Choose the correct alternative: The consecutive years during which there was maximum decrease in manure production are: (a 1994 and 1995 (b) 1992 and 1993(c) 1996 and 1997 (d)   1995 and 1996

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