



MATHS

BOOKS RD SHARMA MATHS (ENGLISH)

DATA HANDLING 3

All Questions

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.



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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



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3. The population of four major cities in India in a particular year is given below:

City	No. of Students
Mumbai	120
Kolkata	130
Delhi	150
Chennai	80

Construct a bar graph to represent the above data.



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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?



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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



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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?



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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.



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9. The following data gives the number (in thousands) of applicants registered with an Employment Exchange during, 1995-2000:

Year	No. of application (Registered (in Thousand))
1995	18
1996	20
1997	24
1998	28
1999	30
2000	34

Construct a bar graph to represent the above data.



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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.



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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.



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13. The following data shows the average age of men in various countries in a certain year:

Country	India	Nepal	China	Pakistan	U.K.	U.S.A
Average age						

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

Represent the above information by a bar graph.



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14. The following data gives the production of food grains (in thousand tonnes) for some

years: Year	1995	1996	1997	1998	1999	2000
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Production (in thousand tonnes)

120	150				140	
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180

170

190 Represent the

above data with the help of a bar graph.



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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
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Manure (in thousand tonnes)	15	35
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45	30	40	20
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(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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