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India's Number 1 Education App

MATHS

BOOKS - RD SHARMA MATHS (HINGLISH)

DATA HANDLING-II (HISTOGRAMS)

All Questions

1. The following table gives the marks scored by 100 students in an entrance examination.

Mark	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Number of students	4	10	16	22	20	18	8	2

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2. The following is the distribution of weights (in kg) of 50 persons: Marks:, 50-55, 55-60, 60-65, 65-70, 70-75, 75-80, 80-85, 85-90 No. of Person, 12, 8, 5, 4, 5, 7, 6, 3 Draw a histogram for the above data.

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3. The following histogram shows the monthly wages (in Rs.) of workers in a factory: Figure Find the largest and least number of workers and also their wages in rupees.

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4. Given below is the frequency distribution of the heights of 50 students of a class: Class Interval:, 140-145, 145-150, 150-155, 155-160, 160-165 Frequency:, 8, 12, 18, 10, 5 Draw a histogram representing the above data.

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5. Draw a histogram of the following data: Class interval: 10-15 15-20 20-25 25-30 30-35 35-40 Frequency: 30 98 80 58 29 50

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6. Number of workshops organized by a school in different areas during the last five years are as follows: years, No. of workshops 1995-1996 1996-1997 1997-1998 1998-1999 1999-2000, 25 30 42 50 65 Draw a histogram representing the above data.

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7. In a hypothetical sample of 20 people the amounts of money with them were found to be as follows: 114,108,100,98,101,109,117,119,126,131,136,143,156, 169,182,195,207,219,235,118. Draw the histogram of the frequency distribution (taking one of the class intervals as 50-100)

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8. Construct a histogram for the following data:

Monthly school fee (in Rs)	$30-60$	$60-90$	$90-120$	$120-150$	150
No. of schools	5	12	14	18	10

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9. Draw a histogram for the daily earnings of 30 drug stores in the following table: Daily earning (in Rs.), 450-500, 500-550, 550-600, 600-650, 650-700 No. of Stores:, 16, 10, 7, 3, 1

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10. Draw a histogram to represent the following data: Monthly salary (in Rs.), Number of teachers 5600-5700 5700-5800 5800-5900 5900-6000 6000-6100 6100-6200 6200-6300 6300-6400, 8 4 3 5 2 3 1 2

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11. The following histogram shows the number of literate females in the age group of 10 to 40 years in a town:

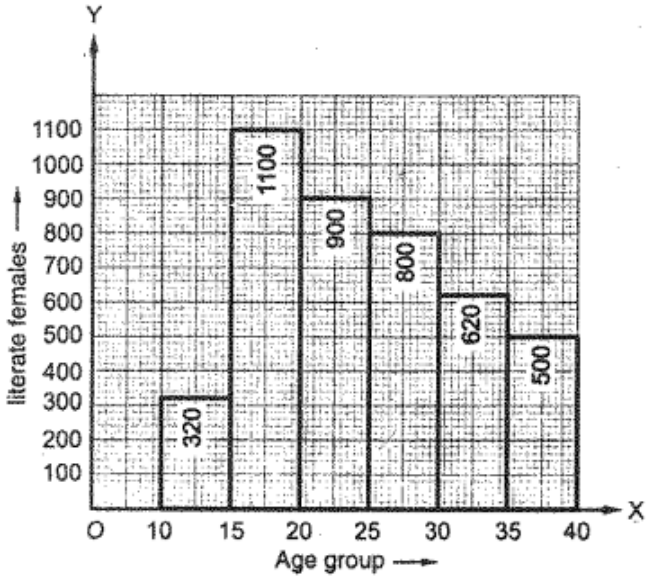

Figure Write the age group in which the number of literate female is the highest. What is the class width? What is the lowest frequency? What are

the class marks of the classes? In which age group literate females are the least?

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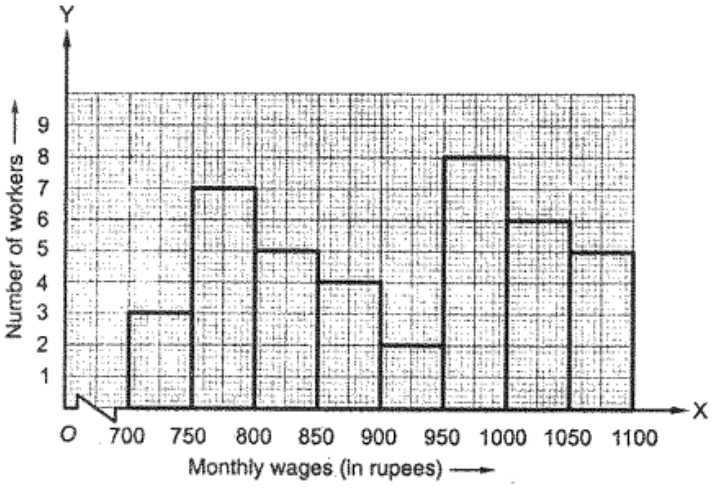
12. The following histogram shows the monthly wages (in Rs.) of workers in a factory:



(Figure) In which wage-group the largest number of workers are being kept? What is their number? What wages are the least number of workers getting? What is the number of such workers? What is the total number of workers? What is the factory size?

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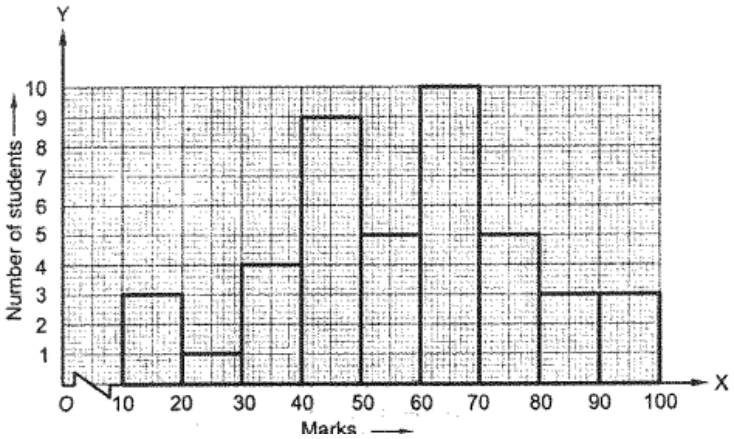
13. Below is the histogram depicting marks obtained by 43 students of a class: Write the number of students getting the highest marks. What is the class size? Figure:



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14. The weekly wages (in Rs.) of 30 workers in a factory are give: 830,835,890,810,835,836,869,845,898,890,

820,860,832,833,855,845,804,808,812,,840,885,835,835,836,878,840,868,890,806,84

Mark a frequency table with intervals as 800-810, 810-820 and so on, using tally marks.

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