

Q9. $\quad$ The scores of 13 students out of 100 are given: $56,79,77,48,90,68,79,92,71,79,60$, 59 and 65 . Find the median and mode of their scores.
Q10 Age (in years) of 6 children of the two groups are recorded below:
a) Find the mean age for each group.
b) Mean age of which group is greater.

| Age (in Years) |  |
| :---: | :---: |
| Group A | Group B |
| 7 | 7 |
| 7 | 9 |
| 9 | 11 |
| 8 | 12 |
| 10 | 12 |
| 10 | 12 |

Q11. A die was thrown 15 times and the result recorded were $5,3,4,1,2,6,4,2,2,3,1,5,6$, 1, 2 Find the mean, median and mode of the data.
Q12. The number of pages that Carolyn wrote in her journal each day from Monday to Friday is $10,18,12,16$, and 19 . What is the mean number of pages she wrote per day?

## LONG ANSWER TYPE- 3 QUESTIONS. (4 Marks each)

Q13. The results of the pass percentage of Class $X$ and XII in the C.B.S.E. examination for 5 years is given in the following table:

| Year | $2001-02$ | $2002-03$ | $2003-04$ | $2004-05$ | $2005-06$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| X | 90 | 95 | 90 | 80 | 98 |
| XII | 95 | 80 | 85 | 90 | 95 |

Draw a double bar graph to represent the data.
Q14. A student recorded her scores on weekly GK quizzes that were marked out of a possible 10 points. Her scores were as follows:
$8,5,8,5,7,6,7,7,5,7,5,5,6,9,9,8,9,7,9,9,6,8,6,6$, and 7 .
Find the mode and mean of her scores on the weekly GK quizzes by using the frequency table.
Q15. Read the double bar graph carefully and answer the following questions:
(i) What is the information given by the double graph?
(ii) Which mode of transport do girls use more than boys?
(iii) Which mode of transport boys use the most?
(iv) In which mode of transport number of girls is half the number of boys?


| ANSWERS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Q1. | 34 | Q2. | 10 | Q3. | 188 cm 150 cm |
| Q4. | 13 | Q5. | 19 | Q6. | 2 |
| Q7. | 17 | Q8. | 1. French fries <br> 2. Tomato soup <br> 3. Veg pizza | Q9. | Median 71 <br> Mode 79 |
| Q10. | a) 8.5 Group A \& 10.5 Group B, <br> b) group B | Q11. | 3.13 | Q12. | 15 |
| Q13. | ------ | Q14. | Mode 7, and 6.9 | Q15. | -------- |

