

**St. Crispin's Sr. Sec School**  
**New Railway Road, Gurugram**  
**Class – VII (2020-21)**

<b>SUBJECT :</b>	<b>MATHEMATICS</b>
	

**GENERAL GUIDLINES FOR STUDENTS -**

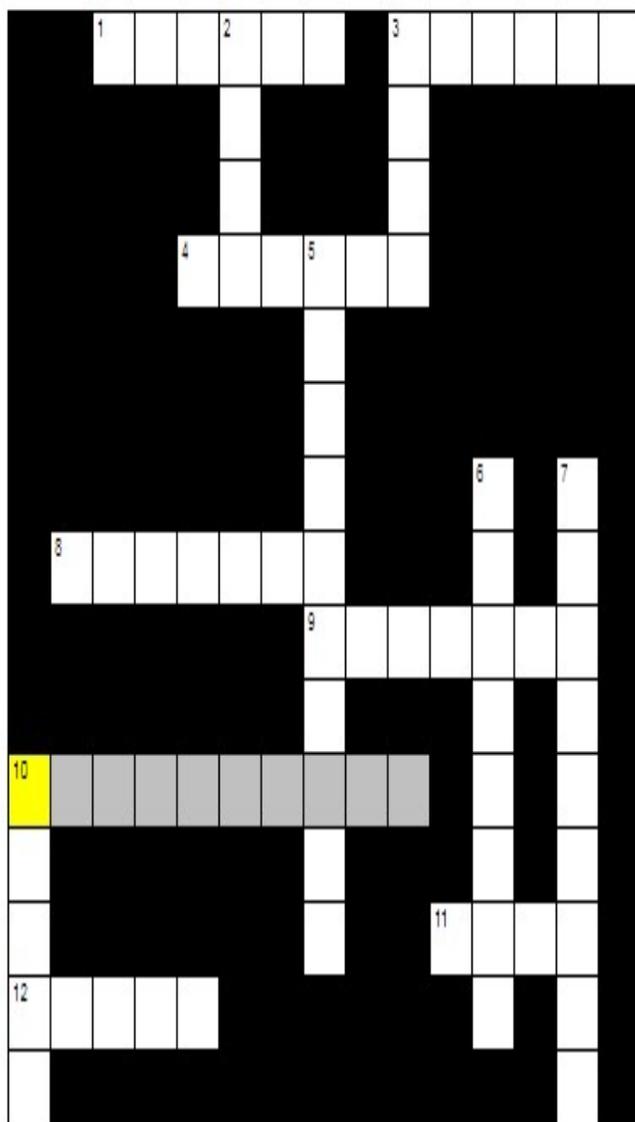
- ❖ **SECTION A** – i) Take an A4 sheet of paper for bar graph and crossword puzzle.  
ii) Show your working neatly.
- ❖ **SECTION B** –i) Solve all the questions in your H.W notebook.

**SECTION A**

**BAR GRAPH**

1. Collect the height (in cm) and weight (in Kg) of 4-5 members of your family.
2. Prepare bar graph for the above collected data (i.e height and weight)
3. Calculate average height for the collected data.
4. Calculate average weight for the collected data

## CROSS WORD PUZZLE



### Across

- 1 A chance pick from a number of items.
- 3 The middle number or the average of the two middle numbers in an ordered set of data.
- 4 A section of a whole group.
- 8 A set of data is \_\_\_\_\_ if it has 2 modes.
- 9 Another word for a mean.
- 10 The collection, organization, presentation, interpretation and analysis of data.

11 A numerical value.

### Down

- 2 Numbers which have been collected for study.
- 3 The number that occurs most often in a set of data.
- 5 A whole set of data from which a statistical sample is drawn.
- 6 Mean, median and mode are \_\_\_\_\_ of central tendency.
- 7 The number of times a particular item appears in a set of data.

10 A numerical value.

## SECTION B

**Q1.** Arrange the  $-1008$  ,  $-8001$  ,  $-506$  ,  $-605$  in descending order

**Q2.** Find the product, using suitable properties.

a.  $52 \times (-98) + (-52)$

b.  $-36 \times 103$

c.  $-15 \times 25 \times (-4) \times (-10) \times (-1)$

**Q3.** In a quiz based programme, there are three teams A, B and C. There are total five rounds in game; 20 marks are given for each correct answer and -10 marks for each wrong answer. No marks are deducted for not attempting a question. Which team won the game if

- a. Team A gave 3 correct and 2 wrong answers?
- b. Team B gave 2 correct, 2 wrong answers and they didn't attempt one question.
- c. Team C gave 3 correct, 1 wrong answer and they didn't attempt one question.

**Q4.** Samson carries a bag weighing 5.5 kg. How many grams is it?

**Q5.** Shaloo purchased three books at Rs 37.60 each and five pens at Rs5.15 each. She gave the shopkeeper a five hundred rupee note. How much money did she get back from the shopkeeper?

**Q6.** The sum of two integers is - 123. If one of them is 325, what is the other number?

**Q7.** (a) Write the following in ascending order:

(i) 0.4, 0.7, 0.3, 0.9

(ii) 0.3, 0.21, 0.6, 0.41

(b) Write the following in descending order:

(i) 0.31, 0.4, 0.087, 1

(ii) 0.6, 0.44, 0.5, 0.09

**Q8.** A die is rolled, find the probability of getting a prime number.

**Q9.** If the averages of given data 6,10,12,x,16 is 14. Find the value of x.

**Q10.** Find the mean of the first five multiples of 3.

**❖ Learn & revise the syllabus covered till date.**

**(Chapters 1 to 3)**



*Happy Holidays*