

INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT II 2013-14
MATHEMATICS

Date: 01-09-13
Class: VII

Marks: 25
Time: 45 Minutes

SECTION-A

(Each question carries 1 mark)

Fill up the blanks choosing the most suitable answers from the options given.

1. The range of the data 32, 35, 39, 40, 47, 30, 28, 27, 40 is
a) 32 b) 45 c) 30 d) 20
2. The mode of the data 2, 3, 4, 7, 5, 7, 8, 7, 2, 7, 3 is
a) 7 b) 3 c) 5 d) 2
3. The solution of the equation $6x - 6 = 30$ is
a) 4 b) -1 c) 18 d) 6

SECTION-B

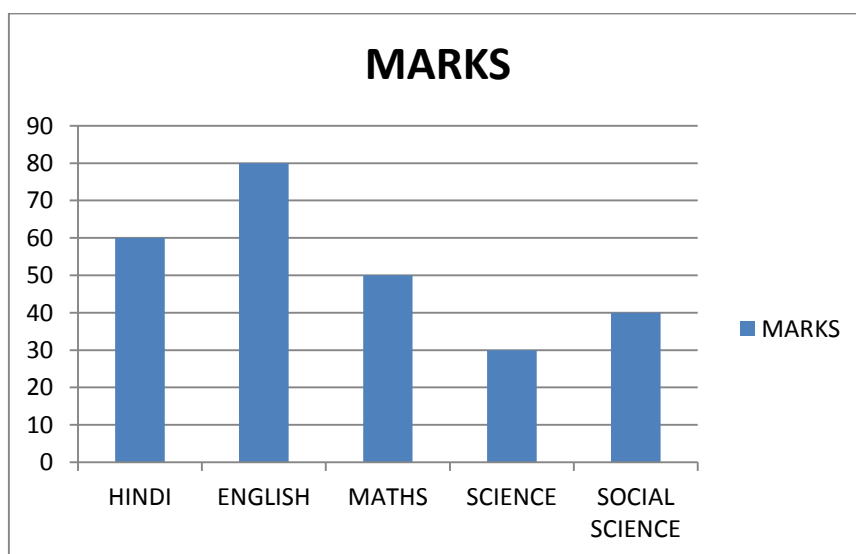
(Each question carries 2 marks)

4. Find the mean of the data 12, 15, 15, 10, 13, 14, 10, 15
5. An ordinary die is thrown. What is the probability of getting a) 5? b) a number less than 3?
6. Solve the equation $\frac{4x}{9} = 28$.
7. Solve the equation $\frac{x}{5} = \frac{8}{15}$.

SECTION-C

(Each question carries 3 marks)

8. The following bar graph shows the marks scored by Lata in 5 subjects. Answer the following questions



- a) In which subject Lata scored the most and how many marks?
- b) What is her lowest score and in which subject?

c) In which subject she scored 40 marks?

d) What is her score in Hindi?

9. Solve the equation $3y - \frac{5}{2} = \frac{37}{2}$.

SECTION-D

(Each question carries 4 marks)

10. The total number of students in a school is 1200. If the number of girls is 80 more than the number of boys in the school, find the number of boys. Also find the number of girls. (Frame equation and solve it).

11. The following data is about the favourite colours of students. Draw a bar graph for the data.

Favourite Colour	Pink	Red	Blue	Yellow	Green
Students	42	45	50	30	35
