INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT – II (2013-2014)
MATHEMATICS   SET I

STD VI   **Marks: 25**
25-08-2013   **Time: 45minutes**
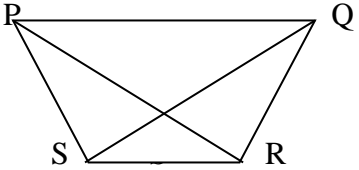
Note: Do the calculations in the working column.Give necessary formulae and steps wherever required

Section A (Each question carries 1 mark)

1   If a number is divisible by 9 then it must be divisible by _____.

A) 90   B) 6   C) 3   D) 15

2.   _____ is a three sided polygon.

A) Diagonal   B) Quadrilateral   C) Circle   D) Triangle

3.   Half of a revolution is called _____.

A) Right angle   B) straight angle   C) Complete angle   D) Obtuse angle

Section B (Each question carries 2 marks)

4   Write the prime factorisation of 1485.

5   In the given figure, name:

i) Two diagonals

ii) Two pairs of opposite angles

6   How many right angles have you turned through if you stand facing

i) North and turn clockwise to face West.   ii) South and turn clockwise to face North.

7   Find the HCF of 18, 36 and 27.

Section C (Each question carries 3 marks)

8   Check the divisibility of 3340 i) by 2   ii) by 3   iii) by 6

9   Name the angles whose measures are
i) 270°   ii) 180°   iii) 175°

Section D (Each question carries 4 marks)

10   Draw a circle and mark   i) A chord   ii) A sector   iii) A radius

11   While on morning walk three persons step off together. Their steps measure 80cm, 85cm and 90cm respectively. At what distance from the starting will they step off together again?