# FIRST MID TERM EVALUATION JULY : 2016 -'17

Time : 30 mts

Std. VIII        **PHYSICS**      Total Score: 10

*Instructions:*

- *Attempt the questions based on the instructions provided.*

- *Score for each question is provided against the concerned*

*question.*

1. Fill in the blanks on the basis of the given relation. ½

   1g     : $10^{-3}$ kg

   1mg  : ................. kg

2. Explain the meaning of the derived unit with the help of one example.    1

3. Convert the following units into SI units without changing their values.    1

   a) 10.5cm

   b) 20 g

4. The length, breadth and height of a glass slab are respectively 50cm, 20cm, 2.5cm. Find the volume of slab.    1½

5. Identify the correct one in each    1

   i) a) 10 Kg     b) 10kg   c) 10 kg  d) 10Kg

   ii) a) 10 N m    b) 10 Nm  c)10N m  d)10Nm

6 a) Density of gold is more than that of iron, what do you understand from this?    1

   b) What is the unit used for expressing density?  ½

7. Write a method to measure the thickness of a sheet of paper.      1½

8. Explain the meaning of the term least count of an instrument by taking suitable example.      2