



ST. LAWRENCE HIGH SCHOOL
JESUIT MINORITY INSTITUTION



SUB: GENERAL SCIENCE

CLASS 6

F.M. 15

TOPIC: PRECAUTIONS WHILE TAKING MEASUREMENTS

DATE: 16.04.2020

A. CHOOSE THE CORRECT OPTION:

15x1=15

- Always place the object that is to be measured on a _____ surface.
a) slanting b) **flat** c) straight
- Placing the object on an uneven surface gives an _____ measurement.
a) **incorrect** b) correct c) accurate
- Always place the ruler or metre scale along the _____ of the object to be measured.
a) size b) height c) **length**
- The _____ will not be accurate if the ruler or the meter scale is kept at an angle to the length that is to be measured.
a) **measurement** b) unit c) numerical value
- Keep the ruler or any other _____ as close as possible to the object.
a) measurement b) object c) **measuring instrument**
- While taking measurements, ensure that the _____ of the ruler is placed at the beginning end of the object.
a) multiples b) **zero mark** c) markings
- An eye should be kept _____ above the point from where you have to measure.
a) **vertically** b) horizontally c) parallel
- The error that occurs due to the incorrect positioning of the eye is called _____ error.
a) perpendicular b) placement c) **parallax**
- In order to avoid parallax error, it is advised to keep one eye _____ while taking measurements .
a) open b) **shut** c) partially open

10. If the ruler is broken or has worn out edges, the measurement of the _____ should be taken from either from 1 cm or any other mark which is clearly visible on the ruler.

- a) **object** b) scale c) tape

11. In order to take the measurement using the broken ruler, after measurement _____ the reading of the one end from the reading corresponding to the other end.

- a) add b) **subtract** c) multiply

12. In a broken ruler , if we start measuring from the 2 cm mark and the corresponding reading to the other end is 7cm. What would be the length of the object.

- a) **5 cm** b) 10cm c) 2 cm

13. While measuring length using a metre scale, the position of the eye

- a) should be vertically above the point from where the measurement is to be taken.
b) **should be vertically above the 0 mark of the scale**
c) does not matter as long as the scale is accurate

14. A meter scale has _____ divisions.

- a) 10 b) **100** c) 1000

15. Each division in the metre scale is equal to _____.

- a) 10cm b) **1cm** c) 0.1cm