

SOBTIS PUBLIC SCHOOL

GREEN PARK, BAREILLY

PHYSICS

WORK SHEET

CLASS-XI

Q.1 Measurement of length by direct and indirect methods.

a. Short distances {Metre scale, Vernier calipers}

b. Large distance {Triangulation method, Parallax method}

Q.2 Distinguish between mass and weight.

Q.3 Find the number of seconds in one year. Express them in order of magnitude.

Q.4 What do you mean by seven dimensions of the world.

Q.5 Find the dimensional formula of;

i. charge ii. Potential iii. Resistance iv. Capacitance

Q.6 Mention some applications of dimensional analysis.

Q.7 How can a physical quantity can converted from one system of unit to another? Explain it with the help of a suitable example.

Q.8 Describe an indirect method to measure the height of an accessible tree or a tower.