GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ

SESSION - 2020-21

CLASS – 6 A, B, C, D, E & F

SUBJECT – PHYSICS

ASSIGNMENT- 3

INSTRUCTIONS FOR THE E-LEARN ASSIGNMENT- The parents to ensure that their ward watches the video instructions for this assignment by clicking on the given links-
https://youtu.be/JKVPQpjhlQY   , https://youtu.be/tKrZvlQ29MU

 She should revise the lesson given in the book and then work on the assignment. The completed assignment is to be downloaded and filed /pasted in the subject file /copy and kept ready for submission. The day, date and procedure of submission shall be notified later.

LINKS REFERRED-

 https://youtu.be/O-h6fi4_vQU ,   https://youtu.be/SgKEyf943vE

CHAPTER 3- MEASUREMENT

Topics-

- ➢ Measurement of mass
- ➢ Measurement of time
- ➢ Measurement of temperature
- ➢ Approximation
- ➢ Averages
- ➢ Standard weights and measures

Answer the following questions;

A. Complete the following;
   1) One kilogram = ………….. grams
   2) One quintal = ………………… kilograms
   3) One gram = ……………. milligrams
   4) One hour = …………… seconds
   5) 100^0 C = ……….. ^{0}F

B. State whether true or false;
   1) The SI unit of mass is gram.
   2) Railways and airlines use the 24-hour clock.
   3) Clinical thermometer is used to measure the temperature of liquids.
   4) The heavier standard weights are made up of brass.
   5) Standard metre scale should have arrow marks on both ends.
C. Short-answer questions;
   1) Define mass. Name any three devices used for measuring mass.
   2) What do you understand by the range of a device?
D. Long-answer questions;
   1) Describe a simple beam balance.
   2) What is approximation? Mention one advantage and one disadvantage of it.
E. Solve the following numericals;
   1) Calculate the average of 20, 23, 29, 32 and 35.
   2) Convert 17:35 hour in 12-hour clock time.
F. Draw neat and well labelled diagrams to show a comparison between Celcius scale and Fahrenheit scale of temperature.

The End