

15/9/2020  
TUESDAY

# PHYSICS

STD - 8  
class - 20

## Assignment

1) a) What is the speciality of the electricity reaching the galvanometer if the armatures of both the generators are made to rotate?

Ans) In the first generator (DC) Galvanometer needle deflects to one direction

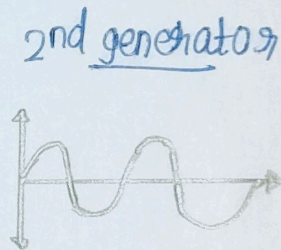
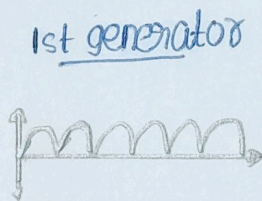
In the second generator (AC) Galvanometer needle deflects to both directions

b) What is the speciality of the electricity reaching the galvanometer if the field magnets of both the generators are made to rotate?

Ans) first generator produces AC.  
second generator produces AC.

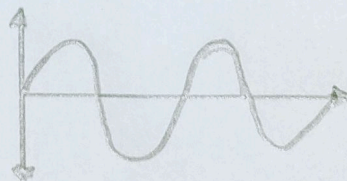
c) Draw the graphical representation of electricity obtained in both.

Ans) when armature turns -



when field magnet turns -

1st generator and second generator



2) Electromagnetic induction is

Ans) d) process of making electricity by the relative motion of a magnet or a coiled conductor.

3) Which device is used to generate electricity ?

Ans) generator