

3/8/2020  
MONDAY

# PHYSICS

STD - X  
class - 14

## Assignment

Let us assess questions 7 to 10 Answers.

7. Ans) If the coil is kept in the N-S direction, the magnetic field produced by the current carrying coil affect the needle. Here this magnetic field due to earth does not affect the needle.

8. Ans) For changing the direction of current through the coil after every half rotation of the coil.

9. Ans) Magnetic force decreases due to decrease in flux density [no. of magnetic lines per unit area].

10. Ans) Motor Rule

A conductor, which can move freely and which is kept in a magnetic field, experiences a force when current passes through it and it moves.

The conductor doesn't move.