

Student Name: _____

Roll No: _____

1. What is the advantage of series winding type starter motor?

- A) Produce high starting torque
B) Increase the life of armature
C) Less cost of maintenance
D) Produce constant starting torque

2. What is the function of diodes?

- A) Step up voltage
B) Convert AC to DC
C) Step down voltage
D) Convert DC to AC

3. What is the purpose of alternator?

- A) Produce more electricity at low RPM
B) Produce more electricity at high RPM
C) Produce variable electric supply at high RPM
D) Produce constant electric supply at high RPM

4. What will be the result of worn teeth of ring gear in the starting system?

- A) Motor not running no operating sound of magnetic switch
B) Starter motor running but not cranking
C) Starter motor running too slow
D) Motor running but too fast

5. Which type of winding is connected to the starter switch in the solenoid switch?

- A) Primary winding
B) Hold in winding

C) Pull in winding

D) Compound winding

6. What is the working principle of alternator?

- A) Lenz's law
B) Law of resistance
C) Electromagnetic induction
D) Ohm's law

7. Where is the starter motor located?

- A) Rear side of engine
B) Top side of engine
C) Bottom of engine
D) Front side of engine

8. What is the function of solenoid switch?

- A) Close the contact between battery and starting motor
B) Step down voltage from primary to secondary winding
C) Open and close the circuit between primary and secondary
D) Shift the lever to engage the plunger

9. What is the purpose of V pulley in the charging system?

- A) Support rectifier mounting plates
B) Rotate the alternator rotor
C) Drive the crank shaft
D) Drive the cam shaft

10. How is the alternator field terminal connected to the battery?

- A) By ignition switch
B) By voltage regulator
C) By indicator lamp
D) By charge indicator