

Duration: 30 Mins

Total Marks: 10

Q.ID: ITISKILL4170IS

1. What is the purpose of alternator?

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

Answer: B) Produce more electricity at low RPM

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

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

Answer: D) Produce high starting torque

3. What is the function of diodes?

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

Answer: A) Convert AC to DC

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

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

Answer: C) By ignition switch

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

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

Answer: A) Rotate the alternator rotor

6. Where the starter motor located?

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

Answer: D) Rear side of engine

7. What is the function of solenoid switch?

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

Answer: C) Close the contact between battery and starting motor

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

- A) Pull in winding B) Primary winding
C) Hold in winding D) Compound winding

Answer: A) Pull in winding

9. 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 too slow
C) Starter motor running but not cranking D) Motor running but too fast

Answer: C) Starter motor running but not cranking

10. What is the working principle of alternator?

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

Answer: A) Electromagnetic induction