

- Q.5 The power factor of alternator depends on (CO2)
 a) Speed of rotor b) Load
 c) Core Loss d) Armature Loss
- Q.6 Which of the following accessories shows _____ RPM. (CO5)
 a) Odometer b) Rectifier
 c) Tachometer d) Wiper
- Q.7 Thermocouple sensor is used for measure. (CO1)
 a) Pressure b) Temperature
 c) Load d) Volume
- Q.8 Undercharging (CO2)
 a) Reduces specific gravity of the electrolyte
 b) Increases specific gravity of the electrolyte
 c) Produces excessive gassing
 d) Increases the temperature
- Q.9 In three core cable colour of Neutral is (CO4)
 a) Red b) Yellow
 c) Blue d) Grey
- Q.10 Field coils are made of (CO6)
 a) C.I. b) Copper
 c) Steel d) Carbon

(2)

180355/170355/
120355/030355

Section-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define temperature sensor. (CO4)
 Q.12 Define overcharged battery. (CO3)
 Q.13 Hydrometer is used for _____. (CO2)
 Q.14 Give the function of a regulator? (CO5)
 Q.15 Define wire harness. (CO6)
 Q.16 LED stands for. (CO4)
 Q.17 Describe need of heater in a car. (CO6)
 Q.18 Define horn in a vehicle. (CO3)
 Q.19 What is the function of parking light in a car? (CO2)
 Q.20 Name two types of battery. (CO1)

Section-C

Note: Short answer type Question. Attempt any twelve questions out of fifteen Questions. (12x5=60)

- Q.21 Explain role of electricity in a vehicle. (CO6)
 Q.22 Explain maintenance free battery. (CO2)
 Q.23 Write advantages of alternator over dynamo. (CO3)
 Q.24 Explain starting motor principle. (CO5)
 Q.25 Explain constructional details of seated beam headlamp. (CO6)

(3)

180355/170355/
120355/030355