

SECTION-B

Note: Short answer type questions. Attempt any six questions out of eight questions. (6x5=30)

- Q.11 Write a short note on cables used in Automobile Wiring system. (CO1)
- Q.12 What is the difference between Dynamo and Alternator? (CO3)
- Q.13 Explain construction and principle of Lead-acid battery. (CO2)
- Q.14 Write construction and working of Fuel cell and its types. (CO2)
- Q.15 Compare Lead Acid battery with Alkaline Battery. (CO2)
- Q.16 Write a short note on Dynamo and its types. (CO3)
- Q.17 Write a short note on Double-contact and compensated voltage control Regulators. (CO5)
- Q.18 Explain the concept of maintenance free battery. (CO2)

SECTION-C

Note: Long answer type questions. Attempt any one question out of two questions. (1x10=10)

- Q.19 What is Alternator? Write principle, construction, working and types of Alternator in Detail with diagram. (CO4)
- Q.20 What are various methods of testing of battery? Explain each in detail. (CO2)

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1st Sem, Level 5 / DVOC (Auto. Servicing, AMT)
Subject : Automobile Electrical Equipment

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short questions. Attempt all ten questions. (10x1=10)

- Q.1 Why cells are connected in series? (CO1)
- Q.2 In Hyundai creta _____ Volt battery is used. (CO1)
- Q.3 Write one method of testing of Battery. (CO2)
- Q.4 What is the effect of Temperature of electrolyte of Battery. (CO2)
- Q.5 How many cells there are in 24 Volt Battery. (CO4)
- Q.6 What are High Tension cable connectors? (CO1)
- Q.7 What is wiring harness. (CO1)
- Q.8 In an alkaline battery electrolyte used is _____ (CO5)
- Q.9 Write one method of testing of battery. (CO4)
- Q.10 What is the function of regulator used in automobiles. (CO4)