

## **SECTION-B**

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

- Q.11 Differentiate between positive and negative earthing.
- Q.12 What is circuit breaker? How does it work?
- Q.13 What is specific gravity test for battery? How is it performed?
- Q.14 What is battery capacity? Write the factors, which affect it.
- Q.15 Differentiate between shunt and compound wound field generator.
- Q.16 What is Dynamo? What are its main parts? Also, make its diagram.
- Q.17 What is regulator? Write its various functions.
- Q.18 Write short note on cut-out relay.

## **SECTION-C**

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

- Q.19 Explain construction and working of lead acid battery in detail.
- Q.20 Describe the construction and working of regulator for alternator.

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Roll No. ....

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

Time : 2 Hrs.

M.M. : 50

## **SECTION-A**

**Note:** Very short answer type questions. All questions are compulsory. (10x1=10)

- Q.1 What is Earth return system?
- Q.2 Define wiring harness.
- Q.3 What is sulphation?
- Q.4 What is an Electrolyte?
- Q.5 Tell two disadvantages of dynamo.
- Q.6 Write the function of Voltage regulator.
- Q.7 Which type of current does the alternator generates?
- Q.8 Write the advantage of alternator over dynamo.
- Q.9 What are three basic type of voltage regulator?
- Q.10 Does a voltage provide constant current?