

## **SECTION-B**

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

- Q.11 Explain working of a compensated voltage control regulator.
- Q.12 Explain the principle of commutation in detail.
- Q.13 Describe the cranking motor test for battery testing.
- Q.14 Explain the effect of charging on specific gravity of electrolyte.
- Q.15 Explain the method of battery charging with an alternator.
- Q.16 Differentiate between VRLA battery and Traction battery.
- Q.17 Differentiate between positive and negative earthing in detail.
- Q.18 Explain the principle of generation of A.C.

## **SECTION-C**

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

- Q.19 Explain the construction and working of a shunt wound field generator.
- Q.20 Explain the construction and working of a dynamo in detail.

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No. of Printed Pages : 2

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

Time : 2 Hrs.

M.M. : 50

## **SECTION-A**

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

- Q.1 What is Dyna Starter?
- Q.2 What is Insulated return system?
- Q.3 Tell any two types of D.C. generator.
- Q.4 What is capacity of a battery?
- Q.5 What is Armature reaction?
- Q.6 Tell any two applications of plastic fibre optic wires.
- Q.7 What is use of Battery Life enhancer?
- Q.8 Tell the basic function of separator in lead acid battery.
- Q.9 Tell any two methods for maintenance of batteries.
- Q.10 Tell the basic purpose of colour coding of electrical wires.

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