

SECTION-B

Note: Short answer type questions. Attempt any six questions out of Eight questions. $(6 \times 5 = 30)$

- Q.11 Explain the positive and negative earthing in detail.
- Q.12 Explain various methods of battery charging.
- Q.13 Discuss the life test for battery testing.
- Q.14 How does fuel cell work in battery?
- Q.15 Differentiate between Earth-return and insulated-return systems.
- Q.16 Describe the open circuit voltage test and battery testing
- Q.17 Differentiate between shunt and compound wound field generator.
- Q.18 Explain the working of Double contact voltage control regulator.

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. $(10 \times 1 = 10)$

- Q.19 Explain the construction and working of a Dynamo in detail.
- Q.20 Explain the construction of a lead acid battery with neat and clean diagram.

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DVOC (Level 5)

Sem 1st / Auto, Servicing, AMT

Subject : Automobile Electrical Equipment

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions . Attempt all ten question $(10 \times 1 = 10)$

- Q.1 Name any two-colour coding used in electrical wires.
- Q.2 What are circuit breakers?
- Q.3 What is effect of discharging on specific gravity of electrolyte ?
- Q.4 Give any two methods for maintenance of batteries?
- Q.5 What is the function of separator in lead acid battery ?
- Q.6 What is the prime function of fuse in electrical circuit?
- Q.7 Tell two factors affecting efficiency of a battery.
- Q.8 Write two types of alternators.
- Q.9 What is use of cable connectors?
- Q.10 What is generator drive?

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