

SECTION-B

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

- Q.11 Explain the effect of discharging on specific gravity of electrolyte.
- Q.12 Explain the cadmium test for battery testing.
- Q.13 Explain the working of a four pole and four brush DC generator in brief.
- Q.14 Draw a typical wiring system for a motor cycle.
- Q.15 Describe the construction of a commutator.
- Q.16 Explain the principle of generation of D.C.
- Q.17 Explain the working of a constant voltage system.
- Q.18 Explain construction and working of maintenance free battery.

SECTION-C

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

- Q.19 Explain construction and working of a series wound D.C. generator in detail.
- Q.20 Explain the construction and working of a basic Lead -Acid battery in detail.

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Roll No.

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DVOC (Level 2)

5th Sem

Subject : Automobile Electrical Equipment

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 What is a constant current system?
- Q.2 Tell any two factors affecting efficiency of a battery.
- Q.3 Tell the basic function of fuse in an electrical circuit.
- Q.4 What is wiring harness?
- Q.5 Tell any two causes of battery failures.
- Q.6 What are circuit breakers?
- Q.7 What is the effect of temperature on specific gravity of battery electrolyte?
- Q.8 What is the use of battery life enhancer?
- Q.9 What is the function of current regulator?
- Q.10 What is the Earth return system?