

## **SECTION-B**

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

- Q.11 Explain merits and demerits of four stroke C.I. Engine
- Q.12 Explain construction & working of Disc brakes in detail.
- Q.13 Explain the working of kick starter system.
- Q.14 Explain the merits and demerits of spoked wheel.
- Q.15 Present a case study of pick up van in brief.
- Q.16 Explain the Magneto coil spark ignition system.
- Q.17 Name the different drive systems used in two wheelers and describe any one.
- Q.18 Differentiate between single and multiple plate clutches.

## **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 two stroke SI engine with the help of neat diagram.
- Q.20 Explain the Battery coil spark ignition system in detail.

No. of Printed Pages : 2

Roll No. ....

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DVOC ( Level 5 )

Sem - 1st / Auto. Servicing, AMT

Subject : Two and Three Wheeler

Time : 2 Hrs.

M.M. : 50

## **SECTION-A**

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

- Q.1 Tell any two demerits of two stroke S.I. Engine
- Q.2 Tell any two types of main frame for three wheelers.
- Q.3 In a four stroke engine cycle, there is one power stroke during every two revolutions of crank shaft.(T/F)
- Q.4 Which type of cooling system is most commonly used in two wheelers?
- Q.5 Tubular frame is used in motorcycle. (True/False)
- Q.6 Tell the prime function of fuel injection system.
- Q.7 Tell any two types of tyres.
- Q.8 What is scavenging process?
- Q.9 What are shock absorbers?
- Q.10 Give one advantage of disc brake over drum brake.

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