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Total No. of Pages : 02

Total No. of Questions : 18

B.Voc. (Automobile Servicing) (2019 Batch) (Sem.-I)

**TWO AND THREE WHEELER**

Subject Code : 5.GV.03

M.Code : 77015

Time : 3 Hrs.

Max. Marks : 30

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
2. SECTION-B contains FIVE questions carrying 2½ (Two and Half) marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying FIVE marks each and students have to attempt any TWO questions.

**SECTION-A**

Answer briefly :

Q1. What are the merits of two stroke SI engine?

Q2. Define Scavenging Process.

Q3. What is the function of spark plug?

Q4. What is the function of ignition coil in ignition system?

Q5. Which starter system is used in two wheelers these days?

Q6. What is the specification of battery used in two wheelers?

Q7. What are the disadvantages of frameless chassis?

Q8. What are the different methods of brake actuation?

Q9. Name various types of car brakes.

Q10. What are the merits of spoked wheel?

## SECTION-B

- Q11. Compare magneto and battery ignition system.
- Q12. Explain briefly the port timing diagram of a two-stroke cycle petrol engine.
- Q13. Explain the terms-Toe-in, Toe-out and steering axis inclination.
- Q14. Explain the various gear controls in two wheelers.
- Q15. Write the working of single plate clutch with diagram.

## SECTION-C

- Q16. Explain the construction and working of four stroke CI engine with diagram.
- Q17. Explain the construction and working of disc brakes.
- Q18. Write short notes on :
- a) Recent developments in three wheeler
  - b) Panel meters

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.