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Total No. of Pages : 02

Total No. of Questions : 18

**B.Voc. (Automobile Servicing) (2019 Batch) (Sem.-1)****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.**