

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Voc.(Automobile Servicing) (Sem.-1)

TWO AND THREE WHEELER

Subject Code : 5.GV.03

M.Code : 77015

Date of Examination : 14-01-2023

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 has to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying FIVE marks each and students has to attempt any TWO questions.**

SECTION-A

I. Answer briefly :

- (a) What do you mean by power unit as Two-wheeler?
- (b) Explain the merits and demerits of the power units.
- (c) What is the role of ignition system in power unit?
- (d) Explain in brief the function of lubrication system in power units.
- (e) What is the purpose of panel meters in two wheelers?
- (f) Why in power units various controls are provided on handle bars?
- (g) Explain what do you mean by steering geometry.
- (h) What are spoked wheels?
- (i) What are the applications of delivery van?
- (j) Compare the Motor cycle and Mopeds power units with respect to their suspension systems.

SECTION-B

2. Discuss the construction and working of Two stroke SI engine.
3. What is the function of fuel, system? And discuss with suitable diagram any circuit in two wheeler fuel systems.
4. Discuss with suitable diagram single and multi plate clutch used in power units.
5. Discuss the construction and working of Disc brakes? And explain its types.
6. Discuss the functions and types of tyres and tubes used in power unit.

SECTION-C

7. Explain with suitable example any symmetrical valve and port timing diagram of Four stroke engine.
8. Write a short note on Brake actuation mechanism.
9. What is the servicing and maintenance procedures required for two-wheeler power units?

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.