

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

B.Voc. (Automobile Servicing) (Sem.-3)

AUTOMOBILE DRAWING & DESIGN

Subject Code : 6.GV.02

M.Code : 78770

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

Write briefly :

- 1) What do you mean by free hand sketching?
- 2) What is a sectional view?
- 3) Give the difference between drawing and design.
- 4) Give the function of poppet valve assembly of a 4-stroke engine.
- 5) Give the general rules of dimensioning in automobile drawing.
- 6) What is a function of universal joint?
- 7) What is a function of a cylinder?
- 8) State the function of piston rings.
- 9) What is the function of a carburetor?
- 10) What is a crank case?

SECTION-B

- 11) Make a block diagram of CRDI system.
- 12) Draw a free hand line diagram of suspension system of Maruti.
- 13) Draw the sectional view of spark plug of a 4-stroke engine.
- 14) Draw sectional view of a Wheel cylinder.
- 15) Draw a free hand sketch of hydraulic braking system of TATA.

SECTION-C

- 16) Draw free hand line diagram of fuel system of petrol engine.
- 17) Sketch a layout of a depot.
- 18) Explain the step by step design procedure of a crankshaft.

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.