

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BVOC - SEMESTER-VI EXAMINATION – SUMMER 2022

Subject Code:1160101

Date:02-06-2022

Subject Name:Automobile Maintenance Service & Repairs - II

Time:10:30 AM TO 12:30 PM

Total Marks: 50

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

- Q.1** (a) Why is maintenance of an automobile vehicles necessary? What are different kinds of maintenance required for cars? **05**
- (b) Explain difference between overhauling and reconditioning with example. **05**

- Q.2** (a) Explain testing procedure of starter motor. **05**
- (b) Explain various steps for inspecting drum and disc brakes? **05**

OR

- (b) What signs indicate a problem with the suspension system? when do parts of the suspension system need replacement? **05**

- Q.3** (a) Explain in detail: alternator with neat sketch. **05**
- (b) Explain in detail: reconditioning procedure of wiper motor. **05**

OR

- Q.3** (a) Explain in detail: electrical fuel pump servicing. **05**
- (b) Explain in detail: reconditioning procedure of air conditioning equipment. **05**

- Q.4** (a) Explain overhauling procedures for engine. **05**
- (b) Explain reconditioning procedures for clutch. **05**

OR

- Q.4** (a) Explain overhauling Procedures for gear box. **05**
- (b) How can we control evaporative emission? **05**

- Q.5** (a) Explain working of MAP sensor circuit. **05**
- (b) Write a short note on ECM in car. **05**

OR

Q.5 (a) Explain working of VSS circuit. **05**

(b) Explain procedure of fuel injection circuit checking. **05**
