

FACULTY OF ENGINEERING
B.E. 4/4 (AE) I - Semester (Suppl.) Examination, May / June 2018

Subject : Vehicle Maintenance

Time : 3 Hours

Max. Marks: 75

Note: Answer all questions from Part-A & answer any five questions from Part-B.

PART – A (25 Marks)

- 1 Explain schedule and unscheduled maintenance.
- 2 Explain Requirements of maintenance.
- 3 How do you differentiate maintenance and Repair?
- 4 What is cylinder honing process? Why it is done?
- 5 Explain troubles associated with gear box.
- 6 What is the reason for clutch not to be able to disengaging?
- 7 Why are fuses incorporated in a circuit ?
- 8 What is cell ignition?
- 9 What is the function of a engine cooling system?
- 10 Give reasons for the pulling of vehicle on one side on application of brake.

PART – B (50 Marks)

- 11 Explain various types of records books and forms that are being used in an automotive service station of cars.
- 12 Write the step by step procedure of overhauling a multi cylinder petrol engine.
- 13 Briefly explain various troubles that may occur in a single plate dry clutch system and bring out their causes.
- 14 Explain the maintenance procedure and the various tests to be conducted on a 4 lead acid battery of a vehicle.
- 15 Explain checking and servicing of dash board instruments.
- 16 What is meant by calibration of fuel injection pump? Explain calibration of FIP and tuning of engine for optimum fuel supply.
- 17 Explain the following:
 - (a) Lubrication maintenance
 - (b) Door locks and window glass actuating maintenance.
