

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
(2125)

15275

B. Tech 7th Semester Examination

Vehicle Maintenance (OS)

AU-7001

Time : 3 Hours

Max. Marks : 100

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Candidates are required to attempt five questions in all selecting one question from each of the section A, B, C and D of the question paper and all the subparts of the questions in section E. Use of non-programmable calculators is allowed.

SECTION - A

1. Discuss about the preparation of maintenance check list and explain the various forms used for vehicle maintenance. (15)
2. List out the tools used in a garage and Garage service station equipments. (15)

SECTION - B

3. Explain step by step examination and checking of engine components. (15)
4. Explain the procedure for decarburizing an engine. (15)

SECTION - C

5. Explain the problem arising in a rear axle. (15)
6. Discuss the various troubles experienced in mechanical type gear box and explain their causes and remedies. (15)

[P.T.O.]

2

15275

SECTION - D

7. Explain the procedure of Dinging with sketches. (15)
8. Draw a typical spray painting gun and elaborate painting process. (15)

SECTION - E

9. (i) What do you mean by decarburizing?
(ii) How "Ridge" is removed from a cylinder?
(iii) What are the causes of poor compression of an engine?
(iv) What is clutch rattling and mention its causes?
(v) What are the causes and remedies for brake binding?
(vi) What are the equipments, instruments and materials required for battery maintenance?
(vii) What do you mean by calibration of fuel pump?
(viii) Write short notes on door locks.
(ix) Write short notes on window glass winding mechanism.
(x) What are the problems in lubricating system?

(10×4=40)