

201

2107003

BACHELOR OF VOCATION
Automotive Mechatronics
Subject: Plant Maintenance and Safety
Subject Code: ABME-208
Semester: Fourth
July 2021
Theory (External): 35 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 1 mark.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 5 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number									

SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x1=10 Marks)

- A. What is maintenance?
- B. Discuss maintenance planning
- C. Discuss meaning of safety
- D. Define meaning of plant hazard
- E. Define the function of extinguish fire
- F. What do you meant by maintenance order?
- G. Define the function of first aid
- H. Describe scheduling
- I. What do you meant by dead line monitoring?
- J. Discuss the meaning of housekeeping

SECTION –B (ESSAY TYPE QUESTIONS)
(5x5=25 Marks)

1. Explain history and evolution of maintenance strategies with suitable example.
2. Differentiate between breakdown maintenance and corrective maintenance with suitable example.
3. Describe the Material requirement planning with suitable example.
4. Differentiate between Time based strategy plan and performance based strategy plan with suitable example.
5. Discuss the operation and types of working of CCTV camera with neat diagram.
6. Describe camera selection criteria with suitable example along with applications.
7. Explain the role of education and training in safety with suitable example.
8. Describe the concept of industrial Psychology in accident prevention with suitable examples.

==END OF PAPER==