

**BACHELOR OF VOCATION**  
**Automotive Mechatronics**  
**Subject: Plant Maintenance and Safety**  
**Subject Code: ABME-208**  
**Semester: Fourth**  
**July 2022**  
**Theory (External): 35 Marks**  
**Time: 03 Hours**

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**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**

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

- A. What is maintenance planning?
- B. Discuss condition based monitoring
- C. Discuss meaning of Maintenance strategy
- D. Define application of CCTV
- E. Define the function of personnel protective equipment
- F. What do you meant by education and training in safety?
- G. Define the function of firefighting equipment
- H. Describe scheduling
- I. What do you meant by safety trails?
- J. Discuss prevention causes and cost of accidents

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

- 1. Discuss the procedure to create purchase order for Maintenance Material with example.
- 2. Discuss the importance of Maintenance for industries and also explain the types of Maintenance with suitable applications.
- 3. Describe the process of releasing Maintenance order and closing maintenance order.
- 4. Explain dead line monitoring with suitable example.
- 5. Discuss the operation and types of camera with neat diagram.
- 6. Describe the concept of scheduling of maintenance plan with suitable example.
- 7. Explain the importance of First aid during accidents with suitable example.
- 8. Describe the concept of House keeping with suitable example.

==END OF PAPER==