B.Tech. 4th Semester (FT)-F-Scheme Examination,
May–2018
SAFETY ENGINEERING AND MANAGEMENT
Paper–FT–202 F

Time allowed : 3 hours]   _[Maximum marks : 100_

**Note :** _Attempt any five questions in total._ _**Question No. 1**_ _is compulsory. One question must be attempted from each section._

1.   (a)   Discuss the responsibility of the Safety officer.

     (b)   Discuss the advantage of the good house keeping.

     (c)   Explain the Safety Inventory Technique.

     (d)   What do you mean by MORT ?   4×5=20

Section–A

2.   Discuss the following term :

     (a)   Unsafe Act

     (b)   Unsafe Condition.

     (c)   Dangerous Occurance

     (d)   Accident and Injury.

3.   Explain in detail the need, type and advantage of the safety committee.   20

Section–B

4.   Explain in detail the accident prevention method.   20

5.   Discuss the various training method in detail.   20

Section–C

6.   Explain the following types of rate :

   (a)   Frequency rate

   (b)   Severity rate

   (c)   Incidence rate

   (d)   Activity rate.   4×5=20

7.   What do you mean by the following :

   (a)   Job safety Analysis

   (b)   Safety Survey

   (c)   Safety Audit.   7,7,6

Section–D

8.   Where and why you will investigate an accident ?   20

9.   How will you collect the data of an accident ?   20