B. Tech.

(SEM. VIII) EXAMINATION, 2006-07

PAINTING PRACTICES

Time : 3 Hours] [Total Marks : 100

Note : Answer any five questions. All questions carry equal marks.

1. What do you understand by the term corrosion of metallic surfaces? Describe various factors, which influences the rate of corrosion. Discuss the role of coatings in prevention of corrosion.

2. Discuss the importance of surface preparation prior to its painting. How the pretreatment are different for ferrous and non-ferrous surfaces, discuss in detail.

3. Why paint is recommended on a surface prior to its use? How it helps in improving the service life of a surface? Discuss an example in support of your answer.

4. What would be your recommendation for the painting of a Railway Bridge over a river? Outline the complete schedule of painting for the same.
5 Write a detailed note on colour esthetics and its application in industrial plants.

6 Outline a complete process of a painting of pipeline transporting petrol from a refinery to a filling station. Discuss the details of various painting products recommended for use therein.

7 What are various paint defects normally found on a painted surface? Discuss in brief, their causes and remedial measures.

8 What would be your consideration in establishment of a paint shop in a two-wheeler industry? How the quality and suitability of a paint would be ensured for its use in the shop on various components?