B. Tech.
(SEM. VI) EXAMINATION, 2007
SURFACE TREATMENT & APPLICATION
TECHNIQUES

Time : 3 Hours] [Total Marks : 100

Note : (i) Attempt all questions.
(ii) All questions carry equal marks.

1 Attempt any two parts of the following :
   (a) Describe objectives of surface preparation before
tening of the object.
   (b) Write short note on any two of the following:
      (i) Acid cleaning
      (ii) Steam cleaning
      (iii) Solvent cleaning.
   (c) Describe flame cleaning and blast cleaning method.

2 Attempt any two parts of the following :
   (a) Discuss chemical paint removal methods.
   (b) Discuss chemical treatment methods for iron metal.
   (c) Describe methods of surface preparation of masonry
surfaces.

V–9118] 1 [Contd...
3 Attempt any two parts of the following:
   (a) Describe electrostatic method of paint application.
   (b) What is electro-deposition of paint? Discuss anodic electro-deposition method with its merits and demerits.
   (c) What are powder paints? Discuss different methods of application of powder paints.

4 Attempt any one part of the following:
   (a) Describe different methods of wet film curing.
   (b) Discuss finishing of refrigerator and washing machine.

5 Attempt any one part of the following:
   (a) Describe paint defects occurred during paint application.
   (b) What do you understand by refinishing? Discuss refinishing of old car.