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M.Sc. 2nd Semester (Surface Coating Technology) (CBCS) Examination

PS02CSCT03: Coating Properties & Analysis of Coating

Marks: 70

2) Illustrate your answer whereas necessary with the help of heat sketches and chemical equation

1. Stormer Paddle Viscometer gives viscosity in which unit? [01]

- Q.2 Answer any seven of the Followings: [14]**

- 1 How is wet film opacity checked by Pfund cryptometer?
- 2 A pigmented coating has coverage 20 sq mtr/lit. What is the WFT? At 50% NVV_T, What is DFT?
- 3 Explain 5B and 4B result in cross-cut adhesion test.
- 4 Give the main six causes of the coating failures.
- 5 Give the classification of different viscometer.

