

Code: R7100104

R07

B. Tech I Year (R07) Supplementary Examinations, December 2012

APPLIED CHEMISTRY

(Civil Engineering)

Time: 3 hours

Max. Marks: 80

Answer any FIVE questions
All questions carry equal marks

- 1 What are the boiler troubles? Explain each one.
- 2 (a) What are the impurities present in water?
(b) Discuss methods of treatment of water for domestic purposes.
- 3 (a) Explain cathodic protection.
(b) Give brief account on galvanic series.
- 4 Write short note on:
(i) Galvanization
(ii) Metal cladding
(iii) Electro plating
- 5 (a) Explain types of polymerization with suitable examples.
(b) Give note on vulcanization.
- 6 (a) Define refractory and classify refractory material.
(b) Write note on thermal insulators.
- 7 Explain properties of lubricating oils.
- 8 What is cement? Explain manufacturing of port land cement.
