

B.Tech. Civil (Construction Management)

Term-End Examination

00695

June, 2017

ET-523(C) : REPAIR AND MAINTENANCE OF BUILDINGS

Time : 3 hours

Maximum Marks : 70

Note : Attempt any **five** questions. All questions carry equal marks.

1. (a) What are the causes of defects in buildings ? 7
(b) How will you treat dampness in buildings ? 7
2. (a) What are the qualities of a good timber ? 7
(b) What are the defects due to insects in timber ? 7
3. (a) Draw a typical stress – strain curve for mild steel. 7
(b) What is a cover meter ? Explain in detail. 7
4. (a) What are the defects due to bad workmanship in fixing of sanitary fittings ? 7
(b) What are the different methods of seasoning of timber ? 7

5. (a) How can we protect reinforcing steel from corrosion? 7
- (b) How will you clean a clogged water pipeline? 7
6. (a) Explain the following : 7
- (i) Cracking
- (ii) Spalling
- (b) What is cement bonded particle board flooring? Explain clearly. 7
7. (a) How will you repair marble floors? 7
- (b) What are the physical defects in a masonry structure? 7
8. (a) Describe damp proofing of tile flooring. 7
- (b) What is Jacketing? Explain clearly. 7
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