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Roll No. ....

**18BB2262**

**M. Tech. EXAMINATION, 2020**

(Second Semester)

(C Scheme) (Re-appear)

**CONSTRUCTION AND REAL ESTATE  
MANAGEMENT**

**MCRM604C**

**Renovation and Reconstruction**

*Time : 2½ Hours]*

*[Maximum Marks : 75*

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Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

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**Note :** Attempt *Four* questions in all. All questions carry equal marks.

1. Why is it important to diagnose Building condition ? Explain different types of structural and non-structural cracks and preventive measure.
2. Explain defect diagnostic techniques. Explain different techniques of Non-destructive testing methods (NDTM).
3. Explain the criteria for selection of repair materials, rehabilitation and retrofitting methods.
4. Highlight salient features of Building information management. How do they help in preventing aging of buildings ?
5. Write a short note on different Demolition Techniques. Explain in detail the demolition. Sequence, alongwith safety precaution in demolition and dismantling.

6. What are elements in assessing the feasibility of renovation projects ? Explain with the help of case study.
7. Explain SOP for practice of execution and site management in renovation and reconstruction of projects.
8. What are different Site inspection reports and recording procedure till defects liability period ?