

Roll No

MVCT/MBCT/MVCP-202

M.E./M.Tech., II Semester

Examination, December 2016

Prefabrication Design and its Construction

Technology

Time : Three Hours

Maximum Marks : 70

- Note :* i) Attempt any five questions.
ii) All questions carry equal marks.
iii) Assume missing data, if any, suitably.

1. a) Write down the advantages and disadvantages of prefabricated construction. 7
b) Write a detailed note on use of prefabricated construction in mass housing. 7
2. What do you mean by industrialized buildings? Discuss their necessity and scope. 14
3. Define and Describe the following 14
 - a) Modular coordination
 - b) Basic module
 - c) Planning module
 - d) Design module.
4. Describe National building code specification for prefabricates. 14

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5. Give a detailed classification of prefabricated systems. 14
6. Sketch and Explain the following components of a prefabricated house: 14
 - a) Foundation
 - b) Column
7. Write short notes on the following: 14
 - a) Wall panels
 - b) Lift points
 - c) Footings
 - d) Slabs
8. a) Describe large panel construction
b) Write down I-S code precisions for modular planning. 14

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