

# V71/BCP106/EE/20160523

Time : 3 Hours

Marks : 80

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**Instruction :**

1. All Questions are Compulsory.
  2. Each Sub-question carry 5 marks.
  3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
  4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
  - a) Explain in Brief Functional Planning of a Building? 5
  - b) Classify building based on Occupancy? 5
  - c) State the Different types of Loads of Building. Explain each in brief. 5
  - d) What is Foundation? State the Different types of Foundation. 5
  - e) Write a short note on Steel Pile. 5
  
2. Solve any **four** sub-questions.
  - a) State the Advantages and Disadvantages of Timber piles? 5
  - b) Explain metal window with advantages. 5
  - c) Give the classification of Stone Masonry. Explain in brief. 5
  - d) Enlist the main types of rocks. Explain each giving suitable example. 5
  - e) Explain in brief: 5
    - i) Fanlight
    - ii) Ventilator
  
3. Solve any **four** sub-questions.
  - a) Write short note on testing of stones. 5
  - b) On the basis of working operations state the types of doors. Explain any two in brief. 5
  - c) Draw a neat labeled sketch of Door. 5
  - d) What precautions to be taken during Blasting. 5
  - e) What are the main applications of stone. 5

4. Solve any **four** sub-questions.
- a) State Characteristics of Soft wood. 5
  - b) Write short note on Porcelain. 5
  - c) Write about Characteristics of Hard wood. 5
  - d) What is seasoning of timber and what are its advantages? 5
  - e) State Characteristics of good brick. 5

