



POORNIMA UNIVERSITY, JAIPUR.
MID SEMESTER EXAMINATION 2020-21 (ODD Semester)

School : School of Planning and Architecture
Course : III Year V SEM
Subject Name : Architectural Structures-V
Subject Code : BAR05104

Max. Time: 1.5 hrs.

Max. Marks: 12

NOTE:- Attempt four questions. There is internal choice in Q. 1 & 2, & Q. 5 & 6.

Sec-A (CO 3) (Max. Marks-6)

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|------------|--|--------------|
| Q.1 | Write down functional differences between shallow & deep foundation | (3) |
| | OR | |
| Q.2 | Describe combined footing, raft foundation and isolated footing | (3) |
| Q.3 | Write down the design steps for designing a isolated footing shallow foundation. | (3) |

Sec-B (CO 4) (Max. Marks-6)

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| Q.4 | How would you describe about the retaining structures need in the modern world in your words. | (3) |
| Q.5 | Explain counterfort and buttress type retaining walls. | (3) |
| | OR | |
| Q.6 | Write the design steps for retaining wall. | (3) |
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