

B.arch 5sem

Assignment No-1

Submission date: 10 Nov. 2016

Course: BARC-351, SUBJECT NAME: BUILDING CONSTRUCTION AND MATERIALS-V

Instructions:

1. Write the responses to the assignments in your own handwriting.
2. Submit the responses to your HOD within due date.
3. Write your name and enrolment number clearly at the top of the pages.

QUES. 1.

- a. What are the different types of foundations?
- b. Explain with suitable sketches and list down features of each.

QUES . 2. .

- a) What are the principles of temporary work of shuttering and scaffolding . Sketch and explain.
- b) What is casement windows?

Assignment No-1

Submission date: 10 Nov. 2016

Course: BARC-352, SUBJECT NAME: DESGIN OF RCC STRUCTURE

Instructions:

1. Write the responses to the assignments in your own handwriting.
2. Submit the responses to your HOD within due date.
3. Write your name and enrolment number clearly at the top of the pages.

QUES. 1.

- A) What are the major defects in short column and long column?
- B) Difference between short column and long column.

QUES . 2. .

- A) What are T & L beam and explain with figures?
- B Draw a dog leg stair case.

Assignment No-1

COURSE: BARC-353, SUBJECT NAME: CONTEMPORARY ARCHITECTURE

Due date of submission: 10-11-2016

Instructions:

- 1 Write the responses to the assignments in your own handwriting.
- 2 Submit the responses to your HOD within due date.
- 3 Write your name and enrolment number clearly at the top of the pages.

Q. 1.

- a) What is ART DECO ?
- b) Explain ART NOUVEAU movements and what was their impact on architecture?

Q. 2.

- a) Write about Frank Lloyd Wright .
- b) Explain falling water.

Assignment No-1

Submission date: 10 Nov. 2016

Course: BARC-354, SUBJECT NAME: WATER SUPPLY AND DRAINAGE

Instructions:

1. Write the responses to the assignments in your own handwriting.
2. Submit the responses to your HOD within due date.
3. Write your name and enrolment number clearly at the top of the pages.

QUES. 1.

- A. What are the methods of distribution systems of water supply?
- B. What are the basic requirements of drainage system?

QUES . 2.

- a) Explain Rainwater Harvesting techniques.
- b) Explain its construction details. Sketch to support your answer.

Assignment No-1

Submission date: 10 Nov. 2016

Course: BARC-355, SUBJECT NAME: ARCHITECTURAL DESIGN-V

Instructions:

1. Write the responses to the assignments in your own handwriting.
2. Submit the responses to your HOD within due date.
3. Write your name and enrolment number clearly at the top of the pages.

QUES. 1. Design a 3BHK residence. Site dimensions are 35m x 30 m. South side of the plot faces a 9m wide road. Open green area in the north side. East and West side is community residences.

Designing should be done keeping in mind the real needs of client and society. Usage of optimum spaces is the key. Design a home fulfilling the basic needs of a family.

Leave a minimum setback of 1m from all sides and 1.2m from the front. Consider the orientation and climatic factors. Stress on organic style.

REQUIRMENTS:-

- A. Plan
- B. 2 sections
- C. 2elevations
- D. 3D views

