

B.arch 5sem

Assignment No-2

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) Draw a wood Partition for an opening of 3mx7m and show door and window . Plan, elevation, section scale 1:10.
- B) Give two joinery detailing of various types of wooden partition.

QUES . 2. .

- A) Explain the king post with the help of neat sketches.
- B Explain the types of pitched roofs with neat sketches .

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Submission date: 10 Nov. 2016

Course: BARC-352, SUBJECT NAME: DESIGN 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) Design the principles of limit state methods and explain
- B) Difference between one way slab & two way slab.

QUES . 2. .

- A) Difference between singly reinforced & doubly reinforced.
- B Explain isolated footing , square footing .

Assignment No-2

Submission date: 10 Nov. 2016

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) Explain art & crafts and art-nouveau movements and its effects on architecture.
- b) What are the principles and works of Makintosh and Antonio Gaudi?

Q. 2.

- a) Give an outline idea of cubism and its impact on architecture?
- b) What are the principles and works of Frank Lloyd Wright and Le Corbusier?

Assignment No-2

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. Explain basic requirements of drainage and sanitation system.
- B. Explain (house services connection system of storage tank).

QUES . 2. .

- A) Describe the rain water harvesting system.
- B) What is the distribution method of water supply.

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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 high school for 900 students . Planning should be done according To the orientation and climatic factor and stress an organic style. Use a minimum setback of 5m from all three sides and 10m from the front .site location is Achiga bye pass NH-24, site plan is given total area is -13936.00 sqm F.A.R-0.2 Ground coverage 10% and 15%, green area mandatory.

REQUIRMENTS:-

Classroom-60sqm, Multipurpose hall-200sqm, Sports room , Library ,Music room , Principal office ,

Vice-principal office , 2Staff room , Conference hall , Computer Lab , Lab (Physics, Chemistry, Biology) , Toilets (as per requirements) , Reception + waiting , Lobby , Accounts Department, Cafeteria.

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

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