

ASSIGNMENT

COURSE: BACHELOR IN ARCHITECTURE

B.ARCH. - 3rd YEAR (Odd Semester)

Submission Date: 11 Sep. 2017

COURSE CODE: BARC – 351

COURSE NAME: ARCHITECTURAL DESIGN – V

Instructions:

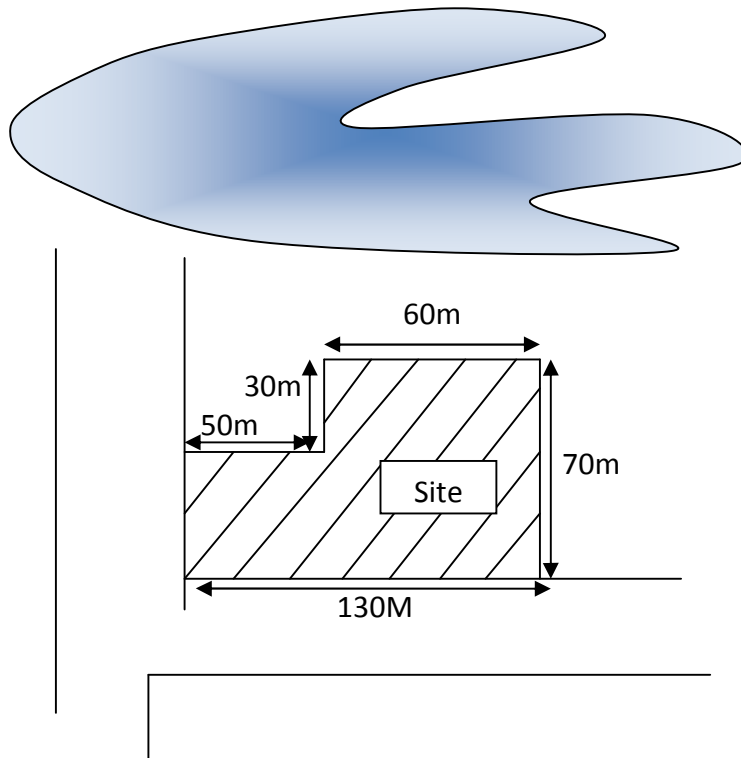
1. Write the responses to the assignments in your own handwriting.
2. Submit the responses to your HOD within due date.
3. Write your name and enrolment number clearly at the top of the pages.

“Auditorium”

Design an Auditorium as started above every member of the audience should be able to see and hear clearly whatever is happening on every part of the stage of platform. This is an ideal rarely. Totally attainable in practice. However a clear view for every one of the main part of the stage of platform is normally achievable in modern auditorium.

Requirements:

- ✓ 250 Persons Seating Arrangement For
- ✓ Public Entry
- ✓ Box Office Service of refreshment area
- ✓ Musicians Space
- ✓ Setting Space
- ✓ Stage
- ✓ Guard Room
- ✓ Toilets
- ✓ Snacks Counter
- ✓ Enter, Exit Points



		Date of Submission
❖ STAGE 1	Concept	30/08/17
❖ STAGE 2	Library Study	05/08/17
❖ STAGE 3	Site Study	10/069/17
❖ STAGE 4	Zoning	15/09/17
❖ STAGE 5	Pre Final Design	25/09/17
❖ STAGE 6	Final Design (Plan)	30/09/17
❖ STAGE 7	Elevation, Section, Site Plan, View	05/10/17

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B.ARCH. - 3rd YEAR (Odd Semester)

Submission Date: 11 Sep. 2017

COURSE CODE: BARC – 352

COURSE NAME: CONSTRUCTION & 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. Draw 2 section Mild steel wind:

- a) Draw Plan.
- b) Draw Horizontal section and vertical section.
- c) 3D view and details.

Ques.2. Draw Metal Stud partition and ceiling:

- a) Draw Plan.
- b) Draw Horizontal section and vertical section.
- c) 3D view and details.

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B.ARCH. - 3rd YEAR (Odd Semester)

Submission Date: 11 Sep. 2017

COURSE CODE: BARC – 353

COURSE NAME: STRUCTURES - 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) Explain the assumptions made in limit state Method (LSM) of design with clear diagrams.
- b) Discuss various partial safety factors & factored loads.

Ques.2.

- a) Draw & discuss idealised stress-strain curve for concrete & steel in LSM.
- b) Draw & discuss stress block in singly reinforced beam in LSM.

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B.ARCH. - 3rd YEAR (Odd Semester)

Submission Date: 11 Sep. 2017

COURSE CODE: BARC – 354

COURSE NAME: HISTORY OF ARCHITECTURE - III

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. Draw & Label:

- a) Parthenon-Plan & elevation.
- b) San Pietro by Bramants-Plan & elevation.

Ques.2. Compare & Contrast:

- a) Florence, Cathedral dome & Pantheon.
- b) Pallazzos & Palladian Villas.

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B.ARCH. - 3rd YEAR (Odd Semester)

Submission Date: 11 Sep. 2017

COURSE CODE: BARC -355

COURSE NAME: INTERIOR DESIGN

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. Write Short notes on the chair designed by the following famous architects:

- a) Charles Eames.
- b) Alvar Alto.

Ques.2. Write Short Notes on the following with neat sketches:

- a) Importance of colours in kid's room.
- b) Roll of interior plants in interior space.

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COURSE: BACHELOR IN ARCHITECTURE

B.ARCH. - 3rd YEAR (Odd Semester)

Submission Date: 11 Sep. 2017

COURSE CODE: BARC – 356

COURSE NAME: BUILDING SERVICES (ELECTRICAL)

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. Explain the following. Support your answers with neat free hand sketches.

- a) Reflection of light.
- b) Luminous intensity, luminous flux & luminance.

Ques.2. Write illustrated notes in detail of following.

- a) Conserving energy by using latest methods.
- b) Role of lighting protection in buildings.