

# ASSIGNMENT

COURSE: BACHELOR IN ARCHITECTURE

B.ARCH. – 2<sup>nd</sup> YEAR (Odd Semester)

Submission Date: 11 Sep. 2017

COURSE CODE: BARC – 231

COURSE NAME: ARCHITECTURAL DESIGN – III

## Instructions:

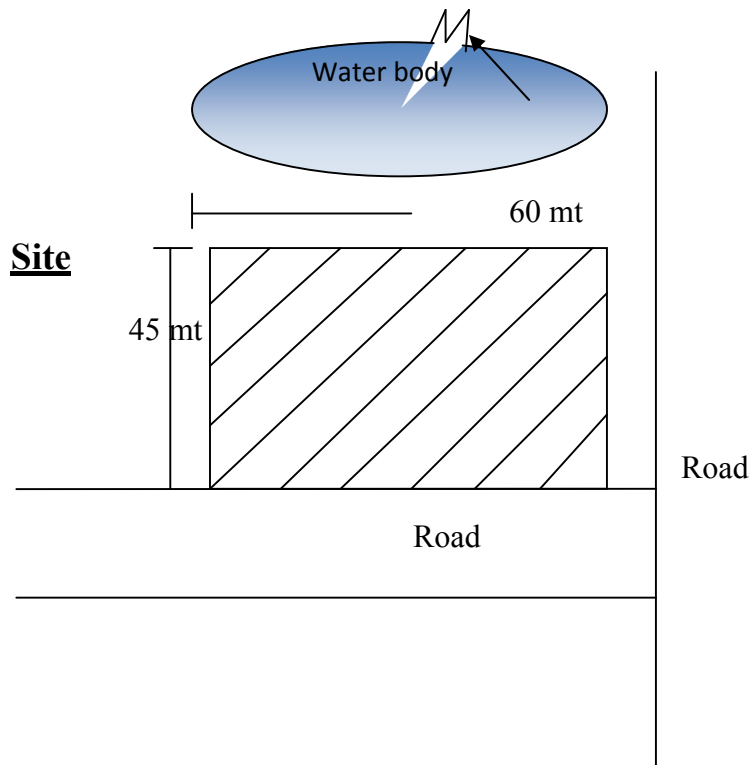
1. Write the responses to the assignments in your own handwriting.
2. Submit the responses to your HOD within due date.
3. Write your name and enrolment number clearly at the top of the pages.

## “Community Centres”

Design a Community centre is multi-purpose building. Needs and priorities will often conflict. The skill of the designer in consultation with the client, statutory authorities and specialists must be exercised to that a balance is struck. All the following factors should be considered.

### Full fill the requirements:

Meetings area	-	75 Sqm <sup>2</sup>
Child care area	-	40 Sqm <sup>2</sup>
Children’s activity area	-	100 Sqm <sup>2</sup>
Concerts Play	-	50 Sqm <sup>2</sup>
Dances	-	40 Sqm <sup>2</sup>
Parties and receptions	-	200 Sqm <sup>2</sup>
Exhibitions	-	200 Sqm <sup>2</sup>
Sporting and leisure activities	-	400 Sqm <sup>2</sup>



		Date of Submission
❖ STAGE 1	Concept	30/08/17
❖ STAGE 2	Library Study	05/08/17
❖ STAGE 3	Site Study	10/06/17
❖ STAGE 4	Zonning	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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COURSE: BACHELOR IN ARCHITECTURE

**B.ARCH. – 2<sup>nd</sup> YEAR (Odd Semester)**

**Submission Date: 11 Sep. 2017**

**COURSE CODE: BARC – 232**

**COURSE NAME: CONSTRUCTION & MATERIALS – 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. Explain Cavity Wall.

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

Ques.2. Explain Panelled door and window with mosquito proof shutters.

- a) Draw plan.
- b) Draw horizontal and vertical section.

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B.ARCH. – 2<sup>nd</sup> YEAR (Odd Semester)

Submission Date: 11 Sep. 2017

COURSE CODE: BARC – 233

COURSE NAME: STRUCTURES - 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.

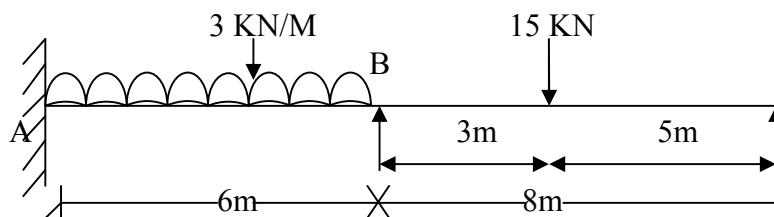
Ques.1. State & discuss.

- a) Strain Energy for truss structure & beam.
- b) Castiglione's 1<sup>st</sup> & 2<sup>nd</sup> theorem.

Ques.2. Determine & Draw:

- a) Bending moment.
- b) Shear forces

Diagram for the beam shown. Also draw elastic curve:



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**B.ARCH. – 2<sup>nd</sup> YEAR (Odd Semester)**

**Submission Date: 11 Sep. 2017**

**COURSE CODE: BARC – 234**

**COURSE NAME: ARCHITECTURAL DRAWING - 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:

- a) Plan & Elevation.
- b) 3D View Of a car available these days & mention the name of the car you have drawn.

Ques.2. Draw the sciography of a cone of base diameter 4cm & axis 6cm long. Placed on its base on a cube (in centre) of side 7cm. The cube is lying on the H.P. with its two faces perpendicular to the V.P. & to parallel & 3cm away from the V.P.

- a) Sciography in Plan.
- b) Sciography in elevation.

Note: (i) Marks will be given for neat drafting work.

- (ii) Proper reference lines to be shown & not rubbed.

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**B.ARCH. – 2<sup>nd</sup> YEAR (Odd Semester)**

**Submission Date: 11 Sep. 2017**

**COURSE CODE: BARC –235**

**COURSE NAME: ARTS AND GRAPHICS – 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. Explain:**

- a) Amrita Shergill.
- b) Nand Lal Bose.

**Ques.2. Write Short Note on:**

- a) Write about the great bath of Indus Valley.
- b) Discuss contemporary art of India.

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COURSE: BACHELOR IN ARCHITECTURE

**B.ARCH. – 2<sup>nd</sup> YEAR (Odd Semester)**

**Submission Date: 11 Sep. 2017**

**COURSE CODE: BARC – 236**

**COURSE NAME: HISTORY OF ARCHITECTURE – I**

## **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 about the following with sketches:

- a) Stonehenge.
- b) Tombs in Egyptian Architecture.

Ques.2. Explain the following:

- a) Describe the great ziggurat at Ur. Support with sketches
- b) Chaityagrah at Karli..