

# ASSIGNMENT

COURSE: BACHELOR IN ARCHITECTURE

B.ARCH. - 1<sup>st</sup> YEAR (Odd Semester)

Submission Date: 11 Sep. 2017

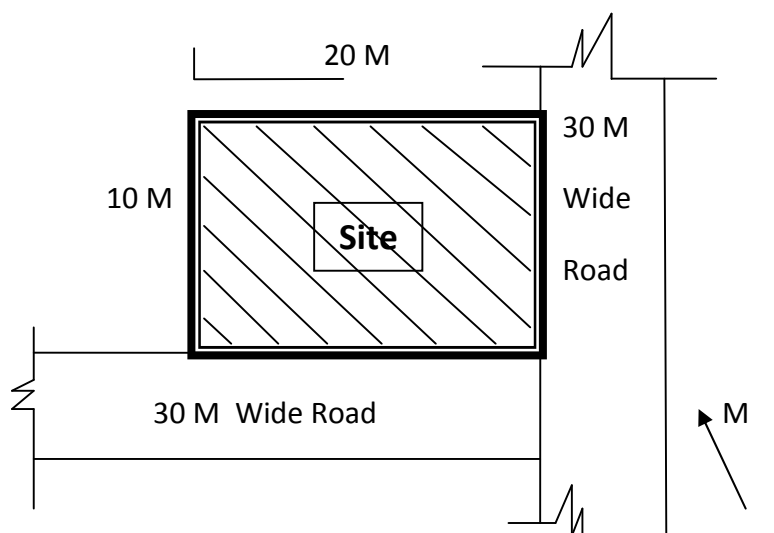
COURSE CODE: BARC – 111

COURSE NAME: ARCHITECTURAL DESIGN – 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.

➤ **Design a Guard room in College Campus Monad University, Size of the Site :-**



- Requirements:
- |                     |   |        |
|---------------------|---|--------|
| (i) Attached Toilet | - | 6 Sqm  |
| (ii) Store Room     | - | 10 Sqm |
| (iii) Single Room   | - | 20 Sqm |

Date of Submission

❖ STAGE 1	Concept	30/08/17
❖ STAGE 2	Zonning	05/08/17
❖ STAGE 3	Pre Final design	10/069/17
❖ STAGE 4	Final Designs	15/09/17
❖ STAGE 5	Elevation, Section, Site Plan, View	25/09/17

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COURSE: BACHELOR IN ARCHITECTURE

**B.ARCH. - 1<sup>st</sup> YEAR (Odd Semester)**

**Submission Date: 11 Sep. 2017**

**COURSE CODE: BARC – 112**

**COURSE NAME: CONSTRUCTION & MATERIALS – 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. Draw a building wall section (from foundation to parapet with nomenclature).

- a) Explain foundation.
- b) Explain sill.

Ques.2. Type of brick (draw with the help of sketch).

- a) Type of joints.
- b) Type of bond.

**Note: Both questions to be attempted on A1 Sheet.**

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B.ARCH. - 1<sup>st</sup> YEAR (Odd Semester)

Submission Date: 11 Sep. 2017

COURSE CODE: BARC – 113

COURSE NAME: STRUCTURES - 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.

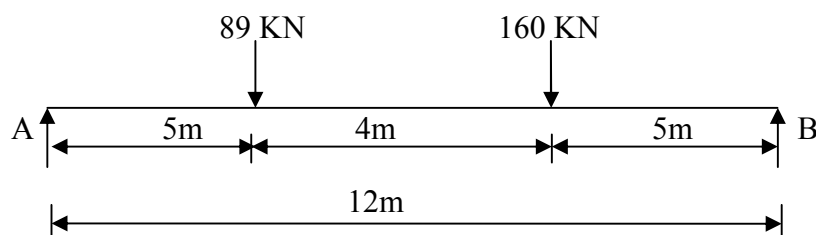
Ques.1. Define the following: (Draw neat diagrams).

- a) Equilibrium of concentric forces at a point.
- b) Polar diagram.

Ques.2. Determine & Draw:

- a) Bending moment.
- b) Shear Stress.

For the beam shown below:



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**B.ARCH. - 1<sup>st</sup> YEAR (Odd Semester)**

**Submission Date: 11 Sep. 2017**

**COURSE CODE: BARC – 114**

**COURSE NAME: ARCHITECTURAL DRAWING - 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. Draw the following geometrical construction & write the procedure in point.

- a) Construction an ellipse when the distance of the focus from the directrix is equal to 60mm & eccentricity is  $\frac{2}{3}$ .
- b) Front view of a 75mm long line measures 55mm. The line is parallel to the H.P. & one of its ends is the V.P. & 25mm above the H.P. draw the projection.

Ques.2. Attempt according to the given instructions.

- a) A square pyramid of base edge 35mm & attitudes 50mm has one of its base slant faces in the V.P. & the edge of the base contained by the face is inclined at  $45^\circ$  to the H.P. Draw the projections of the pyramid when the vertex is in the H.P.
- b) Draw the projections of a cylinder base 45mm diameter & axis 60mm long when it is resting on the ground on a point on its base circle with axis making an angle of  $30^\circ$  H.P. &  $45^\circ$  to the V.P. .

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**B.ARCH. - 1<sup>st</sup> YEAR (Odd Semester)**

**Submission Date: 11 Sep. 2017**

**COURSE CODE: BARC – 115**

**COURSE NAME: ARTS AND GRAPHICS – 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 short note on:

- a) Art & Religion.
- b) Artist & Society.

Ques.2. Write in brief on the following topics:

- a) Elements of design.
- b) What is colour?