

ASSIGNMENT

COURSE: DIPLOMA IN ARCHITECTURE

D.ARCH- 3RD YEAR (odd semester)

Submission Date: 11 Sep. 2017

COURSE CODE: DARC – 311

COURSE NAME: DESIGN STUDIO – 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 commercial complex.

Site dimensions- 120mX100m

Site is located on NH24 ghaziabad-hapur road.

Far.-100

Ground cverage-35%

Set back- front-7m

Sides-5m

Back-3m

- A) Draw site plan with proper detailing.
- B) Concept explaining the functionality.

QUES. 2.For the same commercial complex submit the following requirements.

- A) Floor plans (each floor)
- B) Sections, elevations and view

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COURSE: DIPLOMA IN ARCHITECTURE

D.ARCH- 3RD YEAR (odd semester)

Submission Date: 11 Sep. 2017

COURSE CODE: DARC – 312

COURSE NAME: CONSTRUCTION TECHNOLOGY – 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. Explain the following:

- A) open prefab system
- B) large panel prefab system

QUES. 2. Difference between the following:

- A) Waffel grid slab and Flush slab
- B) On site and off site construction.

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COURSE: DIPLOMA IN ARCHITECTURE

D.ARCH- 3RD YEAR (odd semester)

Submission Date: 11 Sep. 2017

COURSE CODE: DARC – 313

COURSE NAME: WATER SUPPLY

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 and explain the following:

- A) Sedimentation tank in treatment plant
- B) Bell and spigot joint

QUES. 2. Differentiate the following:

- A) Sewer, sewage and sewerage
- B) Waste branch and soil branch of sewerage

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COURSE: DIPLOMA IN ARCHITECTURE

D.ARCH-3RD YEAR (odd semester)

Submission Date: 11 Sep. 2017

COURSE CODE: DARC – 314

COURSE NAME: ARCHITECTURAL PROGRAMMING

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 is literature study? What are the points to be kept in mind to do a literature study.
- B) Submit a literature study on a library for 100 students.

QUES. 2.

- A) What is case study? What are the points to be kept in mind to a case study.
- B) Submit a case study on restaurant for 100 seats.

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COURSE: DIPLOMA IN ARCHITECTURE

D.ARCH- 3RD YEAR (odd semester)

Submission Date: 11 Sep. 2017

COURSE CODE: DARC – 315

COURSE NAME: ESTIMATION AND COSTING

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 is estimate and what is costing?
- B) What are the different methods of calculating estimates?

QUES. 2.

- A) Calculate the estimate and its cost of given drawing.
- B) How to calculate initial project cost.

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COURSE: DIPLOMA IN ARCHITECTURE

D.ARCH- 3RD YEAR (odd semester)

Submission Date: 11 Sep. 2017

COURSE CODE: DARC – 316

COURSE NAME: WORKING DRAWING AND DETAILING – 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. Explain the following terms:

- A) Building bye-laws
- B) National building codes

QUES. 2. Differentiate between the following:

- A) Commercial buildings and educational buildings
- B) Recreational spaces and public spaces.

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COURSE: DIPLOMA IN ARCHITECTURE

D.ARCH- 3RD YEAR (odd semester)

Submission Date: 11 Sep. 2017

COURSE CODE: DARC – 317

COURSE NAME: ART APPRECIATION AND AESTHETICS

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) Write principles of architecture.
- B) What is the role of balance in architecture? Explain with necessary diagrams.

QUES. 2.

- A) Write artistic characteristics of Vincent van Gogh with an example of its painting.
- B) Why it is important to study about aesthetics. Explain with sketches.

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COURSE: DIPLOMA IN ARCHITECTURE

D.ARCH- 3RD YEAR (odd semester)

Submission Date: 11 Sep. 2017

COURSE CODE: DARC – 318,

COURSE NAME: SITE PLANNING

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 is site planning? Define with sketches.
- B) What is community centre?

QUES. 2.

- A) Design a community centre with requirement as described
 - i) Draw a site plan with all required detailing.
 - ii) Draw all necessary drawings.
- B) Define topography with respect to site planning.