

Enrollment No: _____

Exam Seat No: _____

C. U. SHAH UNIVERSITY

Winter Examination-2022

Subject Name : Computer Aided Drawing

Subject Code : 4TE07CAD1

Branch: B.Tech (Civil)

Semester: 7

Date: 24/11/2022

Time: 11:00 To 02:00

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
-

Q-1 Attempt the following questions: (14)

- a) Define CAD
- b) What is 3D View?
- c) What is meant by wipeout?
- d) Define Polyline.
- e) Define Trim.
- f) Define Erase.
- g) Define Move.
- h) How to measure the drawing area or line?
- i) What is the application of AutoCAD?
- j) What is the function of Orthomode in AutoCAD?
- k) How to use mirror command in the AutoCAD?
- l) How to change the unit for measurement in the AutoCAD?
- m) Define Hatching.
- n) Define Extend.

Attempt any four questions from Q-2 to Q-8

Q-2 Attempt all questions (14)

- A** What are the benefits of CAD? **07**
B List the different command available in toolbar and explain any two. **07**

Q-3 Attempt all questions (14)

- A** What are the limitations of CAD? **07**
B Write a note on Layer command. **07**

Q-4 Attempt all questions (14)

- A** Explain Arc and Text command in detail. **07**
B Write steps to create rectangle room of a building. **07**



- Q-5** **Attempt all questions** **(14)**
A How to create solid surfaces in AutoCAD 3D? Explain in detail. **07**
B Explain the 2D features of AutoCAD. **07**
- Q-6** **Attempt all questions** **(14)**
A How to convert mesh created from other object in 3D with an example. **07**
B List types of view in drawing? Explain command uses for the view. **07**
- Q-7** **Attempt all questions** **(14)**
A Explain poly line command in AutoCAD 3D surface with example. **07**
B How to write text in the drawing and change size and colour in it? Explain it with an example. **07**
- Q-8** **Attempt all questions** **(14)**
A Explain the steps for page setup for drawing and take print layout in AutoCAD. **07**
B Describe the different option for 2D and 3D faces in AutoCAD with suitable Example. **07**

