



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE DIPLOMA IN INTERIOR DESIGN (CITY CAMPUS)

ADID 108: COMPUTER AIDED DESIGN I

Date: 19th April, 2012

Time: 2.00 – 4.00 p.m.

INSTRUCTIONS:

- ◆ This paper consists of Section A and B.
- ◆ Answer ALL questions from SECTION A in the spaces provided in the question paper. (30 marks)
- ◆ Answer ANY TWO questions from SECTION B in the answer booklet provided. (20 marks)

SECTION A – 30 MARKS

1. Explain how the following commands are executed using Paint Programme:
 - a. Painting with a brush (2 Marks)
 - b. Drawing a free form line (2 Marks)
 - c. Drawing an ellipse (2 Marks)
 - d. Spraying an area (2 Marks)
2. Explicate briefly the execution of these commands in ArchiCAD
 - a. Drawing a wall (2 Marks)
 - b. Inserting Text (2 Marks)
 - c. Drawing a free form line (2 Marks)
 - d. Inserting a door (2 Marks)
3. Outline the function of a marquee tool (1 Mark)
4.
 - a. List two types of glare (1 Mark)
 - b. Briefly explain the differences between the two types of glare (4 Marks)
5.
 - a. Suggest four ergonomic posture practices for frequent users of computers (4 Marks)
 - b. Outline four vision problems which frequent computer usage can cause (4 Marks)

SECTION B – 20 MARKS

ANSWER ANY TWO QUESTIONS

6. Mr. Kawaida has assigned you the task of setting up the work environment of his cyber café. Explain the factors you will consider (10 Marks)
7. Explicate ergonomic practices for using a monitor (10 Marks)
8. Furaha is a secretary in a Design Firm. She is having problems with her eyesight since light frequently shines into her eyes as she works. Suggest how her problem can be solved (10 Marks)