FACULTY OF ENGINEERING, DESIGN AND TECHNOLOGY
DEPARTMENT OF COMPUTING AND TECHNOLOGY
ADVENT 2024 SEMESTER <u>EXAMINATION</u>

PROGRAM: *[]*

YEAR: 1   SEMESTER: 2

COURSE CODE: *[ ]*

COURSE NAME: *[]*

EXAMINATION TYPE: [*FULLY THEORY*]

EXAMINATION DATE: DECEMBER 2024

TIME ALLOWED: *[]*

Examination Instructions

1. The general Uganda Christian University examination guidelines and academic & financial policies apply to this examination. Violating any of the policies by the student automatically makes this examination attempt void, even if you have completed and submitted the answer booklet.

2. This exam consists of two sections, i.e.,
   i. Section A (*40 Marks*) Attempt only <u>**TWO (2)**</u> questions from this section; every question carries 20 marks.
   ii. Section B (*60 Marks*) Attempt only <u>**THREE (3)**</u> questions from this section; every question carries 20 marks.

3. Answers to every question should start on a new paper within the examination answer booklet.

4. Uganda Christian University or its officials reserve the right of admission or disqualification from this exam.

Scenario: Weekly Study Hours Tracking

You are a university student tracking the number of hours you study each week for your courses. Below is a simple excel table showing your study hours.

Week	Study Hours
1	10
2	15
3	8
4	12
5	20

a). Formulate the following
  i.   Total Study Hours   [*1 Mark each*]
  ii.   Average Study Hours per week   [*1 Mark each*]
  iii. The week with the least study hours   [*1 Mark each*]
  iv.   The week with the most study hours   [*1 Mark each*]
  v.   Discuss the advantages of using Excel for tracking your study hours compared to manual logging methods. What features make Excel particularly useful for this type of task? [*3 Marks*]
  vi.   What principles should you follow when designing slides for a presentation? How can visuals enhance your audience's understanding of your topic?   [*3 Marks*]

b). As we make good use of computers there is need to protect both the computer users and the computer as well. List some of the ways we can safeguard both the computer and the computer user as well?

c). What is meant by the following terms as used in internet and WWW?   [*5 Marks*]

  i.   Web browser
  ii.   URL
  iii. Website
  iv.   Webpage
  v.   Search Engine

END