

# ZIMBABWE EZEKIEL GUTI UNIVERSITY

## FACULTY OF HERITAGE, HUMANITIES AND SOCIETAL ADVANCEMENT

DEPARTMENT OF DEVELOPMENT, PROGRAMMING AND MANAGEMENT

### EXAMINATION PAPER

#### Diploma in Project Planning, Monitoring and Evaluation

#### Part 1 Semester 1

#### Exam

**COURSE CODE** : DUWC100  
**COURSE TITLE** : INTRODUCTION TO COMPUTERS  
**DURATION** : 3 Hours  
**DATE** : 11 OCT 2023

#### INSTRUCTIONS TO CANDIDATES:

1. Answer any THREE questions only.
2. Each question carries 25 Marks.
3. Start each question on a new page of your answer sheet.
4. Use relevant examples or case studies in answering your questions

### Question 1

With aid of clearly labeled diagrams, describe any four network topologies [25]

### Question 2

Suppose you have been employed as a computer network security specialist; demonstrate how you would ensure the security of your organization's networked resources [25]

### Question 3

- a. Define the term 'Internet' [2]
- b. Demonstrate how one gets access to the internet [8]
- c. Identify and explain any five uses of the internet [15]

### Question 4

- a. What is a computer virus [3]
- b. Where do computer viruses come from? Describe any three sources of computer viruses [12]
- c. Suggest the various ways to avoid and clean computer viruses [10]

### Question 5

- a. Describe the following types of computer networks; [9]
  - i. Local Area Network (LAN)
  - ii. Wide Area Network (WAN)
  - iii. Metropolitan Area Network (MAN)
- b. Give any four computer network devices and explain how they work [16]

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