



ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF HEALTH SCIENCE AND TECHNOLOGY

INFORMATION SYSTEMS DEPARTMENT

EXAMINATION PAPER

COURSE CODE : DIS114
COURSE TITLE : INTRODUCTION TO INFORMATION SYSTEMS
DURATION : 3 Hours
LEVEL : 1.1
DATE : 2023

13 JUN 2024

INSTRUCTIONS TO CANDIDATES:

1. Answer **THREE** questions
2. Each question carries 25 Marks.

QUESTION ONE

The significance and role of technology in the economy and in society has become extremely important over the last decade. People, organisations and governments enthusiastically embrace all that technology has to offer, while others are more cautious or even positively resistant. Evaluate the importance of information technology [25 marks]

QUESTION TWO

- a) How does the concept of big data impact the design and management of information systems? [5 marks]
- b) What are the ethical considerations associated with the collection, storage, and use of personal data within an information system? [5 marks]
- c) How does the implementation of enterprise resource planning (ERP) systems benefit organizations in terms of efficiency and decision-making? [5 marks]
- d) Explain the benefits and limitations of implementing an online platform of selling goods and services. [10 marks]

QUESTION THREE

- a) ZEGU is proposing to implement cloud computing. As a chief digital technologist recommend the idea of enhancing this idea. [15 marks]
- b) Explain the possible limitations of going the cloud way. [10 marks]

QUESTION FOUR

Explain any five (5) computer defences and security measures that can be implemented at ZEGU. [25 marks]

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5/0 am