



**REFORMED CHURCH UNIVERSITY**

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**FACULTY OF EDUCATION AND SOCIAL SCIENCES**

**Bachelor Education Honours In Information Communication  
Technology**

**Information Communication Technology Concepts**

**HICT 111**

**Part 1 Semester 1 Examination**

**Total Marks [100]**

Date: October, 2024

Time: 3 Hours

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**INSTRUCTIONS**

1. This paper has *six (6)* questions
2. Answer any *four (4)* questions
3. Each question carries *25 marks*
4. Start each question on a new page

1. (a) Explain five properties of a computer that distinguish different types of computers. [10]  
(b) Outline the evolution of computers. [15]
2. (a) Define secondary storage and primary storage. [5]  
(b) Giving examples, distinguish RAM and ROM. [8]  
(c) Describe the use of four secondary storage devices. [12]
3. (a) Explain the following terms as used in database systems.  
(i) Data mining [2]  
(ii) Data warehousing [2]  
(b) Evaluate the usefulness of DBMS. [10]  
(c) Outline characteristics of DBMS. [11]
4. (a) Give five benefits and four drawbacks of networks. [9]  
(b) Describe any four types of networks. [16]
5. (a) Distinguish system software from application software. [12]  
(b) Examine classification of computer hardware giving examples. [13]
6. (a) Justify why computer systems should be secured. [10]  
(b) Explain how best an organization can protect its computers from security threats. [15]

**END OF PAPER**