



REFORMED CHURCH UNIVERSITY

Introduction to Information Technology (IT)

HRCU 104

Part 1 Semester 1 Examination

Total Marks [100]

Date: June 2020

Time: 3 Hours

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. Examine **any four** ethical issues associated with the use of Information Technology in the world today. (25)
2. (a) Explain the following terms as used in computer anatomy:
 - i. processing device (5)
 - ii. storage devices (5)(b) Identify **any three** different types of systems software and discuss the functions for each one of them. (15)
3. (a) Outline the importance of using **any five** electronic databases in organisations. (10)
(b) Examine how managers would utilise the following software applications:
 - i. Word Processer (5)
 - ii. Spreadsheets (5)
 - iii. MS PowerPoint (5)
4. Examine **any five** considerations one would make before purchasing computer hardware. (25)
5. (a) Analyse **any three** factors that you would consider when selecting a network topology for your organisation. (15)
(b) Define the following terms giving appropriate examples
 - i. Bandwidth (2)
 - ii. Web browser (2)
 - iii. Social Media (2)
 - iv. URL (2)
 - v. Database (2)
6. (a) Justify the significance of computer networks in social work education and practice. (20)
(b) List **five** reasons of using a client-server network in Universities. (5)

End of Paper