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**GARISSA UNIVERSITY**

**UNIVERSITY EXAMINATION 2019/2020 ACADEMIC YEAR ONE**

**SECOND SEMESTER EXAMINATION**

**SCHOOL OF BUSINESS AND ECONOMICS**

**FOR THE DEGREE OF BACHELOR OF BUSINESS MANAGEMENT**

**COURSE CODE: BBM 101**

**COURSE TITLE: COMPUTER STUDIES**

**EXAMINATION DURATION: 2 HOURS**

**DATE: 15/12/2020 TIME: 09.00-11.00 AM**

**INSTRUCTION TO CANDIDATES**

* **The examination has FIVE (5) questions**
* **Question ONE (1) is COMPULSORY**
* **Choose any other TWO (2) questions from the remaining FOUR (4) questions**
* **Use sketch diagrams to illustrate your answer whenever necessary**
* **Do not carry mobile phones or any other written materials in examination room**
* **Do not write on this paper**

**This paper consists of TWO (2) printed pages *please turn over***

**QUESTION ONE (COMPULSORY)**

1. Define the following terms.
2. Computer **[1 mark]**
3. Computer system  **[1 mark]**
4. Operating System **[1 mark]**
5. Convert the following number system to its Equivalent mentioned below
6. To decimal number using Multiplication method

101012 **[3 marks]**

1. To binary number using successive division method

1FD16 **[3 marks]**

1. To binary number using subtraction method

12808 **[3 marks]**

1. To binary number using substitution method

1FDE16 **[3 marks]**

1. Outline the Resources that are under operating systems control **[5 marks**]
2. State THREE advantages of using mouse as an input device **[3 marks]**
3. Highlight the THREE main Classifications of Computers **[3 marks]**
4. Mention any FOUR major characteristics of RISC architecture processors. **[4 marks]**

**QUESTION TWO**

1. State FOUR Characteristics of non-impact Printers **[4 marks]**
2. Describe TWO procedures of creating a new document using Microsoft Word. **[2 marks]**
3. Computer processors are grouped into three divisions. State these divisions while giving an example on each. **[6 marks]**
4. Highlight FOUR Characteristics of the binary number system **[4 marks]**
5. Differentiate between Static RAM and Dynamic RAM **[4 marks]**

**QUESTION THREE**

1. Name THREE uses of a database **[3 marks]**
2. Write the following acronyms in full
3. EEPROM **[1 mark]**
4. EPROM **[1 mark]**
5. PROM **[1 mark]**
6. RISC **[1 mark]**
7. CISC **[1 mark]**
8. Briefly describe the following types of Operating System
9. Single program operating system
10. Multi-tasking operating system
11. Single user operating system
12. Multi user operating system **[8 marks]**
13. Describe the use of each of the following commands in saving a document.
14. Save.
15. Save As. **[4 marks]**

**QUESTION FOUR**

1. Outline the Functions of an operating system? **[7 marks]**
2. State Factors to consider when choosing an operating system **[5 marks]**
3. State TWO advantages and TWO disadvantages of using Computers **[4 marks]**
4. Mention any FOUR features of the Second Generation of computing history **[4 marks]**

**QUESTION FIVE**

1. Name the THREE types of operating system that is classified under according to interfaces **[3 marks]**
2. Highlight any FOUR Characteristics of Computer’s Main Memory **[4 marks]**
3. Define the term ‘Data Security’ and briefly discuss any TWO data security solutions in the current modern world **[6 marks]**
4. Define the term ‘’formatting’’ and State five importance of formatting in a Microsoft word **[7 marks]**