

PAN AFRICA CHRISTIAN UNIVERSITY

BACHELORS OF INFORMATION COMMUNICATION TECHNOLOGY

END OF TERM EXAMINATION

DEPARTMENT: COMPUTING & INFORMATION TECHNOLOGY

COURSE CODE: BCIT /BIT 100

CAMPUS: ROYSAMBU

COURSE TITLE: FUNDAMENTALS OF COMPUTING

EXAM DATE:

TIME:

INSTRUCTIONS

- This exam carry a total of SIX Questions of [10 Marks Each]
- Section One (I) is compulsory.
- Answer any 3(Three) Questions from Section Two (II)
- Read all questions carefully before attempting.

SECTION ONE: (COMPULSORY)**10 MARKS****QUESTION ONE**

- a) Exploring different parts of the windows environment, one is provided with several options in document editing. Explain how you will use the following part in working out your Curriculum vitae.
- i. Menu Bar **[1 Marks]**
 - ii. Tool Bar. **[1 Marks]**
 - iii. Horizontal scroll bar. **[1 Marks]**
- b) Discuss THREE application areas you will use spreadsheet in a learning institution **[3 Marks]**
- c) Highlight TWO application areas of Spreadsheets applications respectively. **[4 Marks]**

SECTION TWO: (ANSWER ANY THREE (3) QUESTIONS)**30 MARKS****QUESTION TWO.**

- a) There are some similarities and differences between Off the Shelf and Bespoke applications, Illustrate THREE major underlying differences between the two sets of software. **[6 Marks]**
- b) Differentiate between an input and output device in computing. **[4Marks]**

QUESTION THREE.

- a) **MD, CD, CD..** and **CLS** are both common Ms dos commands, illustrate their outcome. **[4 Marks]**
- b) Ruth opened her desktop and encountered the following hardware devices; Floppy Drive, CPU and Motherboard. Discuss the functions of each device. **[6marks]**

QUESTION FOUR.

- c) Citing valid applicable reasons, Discuss FIVE good factors you will use to recommend a purchase of a learning Management system (LMS) for your favorable University of choice. **[10 Marks]**

QUESTION FIVE.

- a) Discuss the Functions that will give the following outputs in excel formula. (Use cells A1:A8 as cells of reference)
- i. Returns the cell with the Lowest value) **[2Marks]**
 - ii. Finds the **standard deviation** within the cells **[2Marks]**
 - iii. Finds the **mean** within the cells **[2Marks]**
- b) Using examples, differentiate between Internet and Network **[4Marks]**

QUESTION SIX.

- a) Using a Nested IF Statement, write a formula that would give the following results; >=70 Distinction.
- >=60 Credit.
 - >=50 Pass
 - <50 Fail **[6Marks]**
- b) Differentiate between system Unit and peripheral device. **[4 Marks]**

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