

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 Attachment application letter.
- i. Menu Bar **[1 Marks]**
 - ii. Tool Bar. **[1 Marks]**
 - iii. Horizontal scroll bar. **[1 Marks]**
- b) Compare THREE application areas you will use spreadsheet applications in a learning institution **[3 Marks]**
- c) Highlight FOUR areas in life where Database applications are relevant. **[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
- 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 grade an exam using the following grading brackets. Use Cell A2 as your cell of reference.
- ≥ 70 Distinction.
 - ≥ 60 Credit.
 - ≥ 50 Pass
 - < 50 Fail **[6Marks]**
- b) Differentiate between system Unit and peripheral device. **[4 Marks]**

-END-