



PAN AFRICA CHRISTIAN UNIVERSITY

(DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY)

END OF TERM EXAMINATION

DEPARTMENT: COMPUTING & INFORMATION TECHNOLOGY

COURSE CODE: DICT 0112

CAMPUS: ROYSAMBU

COURSE TITLE: INTRODUCTION TO COMPUTER APPLICATIONS

EXAM DATE: XXXX, (XX JULY 2022)

TIME: START HOUR – END XX:XX-XX :XX HRS

INSTRUCTIONS

- This exam script has **TWO (2)** sections.
- Read all questions carefully before attempting.
- Answer All questions in Section **A** and any other THREE questions in Section **B**.
- None programmable calculators permitted
- Calculators on phones, tablets and computers are NOT permitted in Theory Papers

SECTION B

(Answer any **THREE (3)** questions in this section)

Question 2:

- a. Giving examples describe two types of computer application software (4 Marks)
- b. Andrew, a teacher at Tumaini Technical Institute would like to rearrange the slides in a presentation document. Outline the procedure he would use to achieve this objective (2 Marks)
- c. Discuss the circumstance that would require the usage of the below features (4 Marks)
 - i. Mail merge
 - ii. Cell merge
 - iii. Text wrapping
 - iv. hyperlink

Question 3:

Table below is an extract from a spreadsheet worksheet. Use it to answer the questions that follow

	A	B	C	D	E	F
1	S/NO	Item Number	Item Name	Quantity	Price	Remark
2	1	M001	Mangoes	200	10	
3	2	P002	Pineapples	50	50	
4	3	L003	Lemons	600	5	
5	4	P004	pears	1000	10	

Use cell addresses only

- a. Write a formula that would be used to calculate the number of products whose quantity is less than 100 (3 Marks)
- b. Write a formula that would be used to display the correct remark for item named mangoes given that:
 - i. Quantity is less or equal to 50 remark is "re-order"
 - ii. Quantity is less or equal to 100 remark is "OK"
 - iii. Quantity is greater than 100 remark is "overstocked"(3 Marks)
- c. Outline four objects used in a database program (4 Marks)

Question 4:

- a. Ann a computer student right clicked on a word that had been underlined with a red wavy line. List three options that are likely to be displayed on the resulting popup menu (3 Marks)
- b. Abraham used a presentation program to prepare slides for a lecture he intends to give to module II students. Justifying your answer, outline four reasons that prompted him to choose this program (4 Marks)
- c. With the aid of a relevant example, explain the term many to many relationships as applied in a database management system (3 Marks)

Question 5:

- a. Outline the reasons why organizations prefer the use of electronic mail for communication (2 Marks)
- b. Explain two circumstances that would necessitate the use of templates while creating slides in a presentation program (2 Marks)
- c. Outline two functions of forms in a database file (2 Marks)
- d. Below are features used in a PowerPoint presentation. Discuss their functions (4 Marks)
 - i. Placeholders
 - ii. Thumbnail icons

Question 6:

- a. Differentiate between each of the following cell references as used in a spreadsheet program
 - i. G25 and \$G25 (2 Marks)
 - ii. G\$25 and \$G\$25 (2 Marks)

- a. The image below shows a front page of a newspaper. Pointing them out identify any six features that have been used in the creation of the page (6 Marks)



THE END