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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR
FOR THE DIPLOMA IN BUSINESS INFORMATION TECHNOLOGY
DIT 1106- COMPUTER APPLICATIONS

Date: 27TH JULY 2022
Time: 11:30AM – 1:30PM

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Distinguish between the following concepts: (6 Marks)
- i) System Software and Application Software.
 - ii) Hardware and Software.
 - iii) Analog Computer and digital computers.
- b) With the aid of a diagram explain the functional components of a computer (6 Marks)
- c) Outline Four principles features of spreadsheet software (4 Marks)
- d) Explain Three basic functions of an operating system (6 Marks)
- e) Explain Two characteristics of each of the following categories of computers: (4 Marks)
- i) Minicomputers
 - ii) Microcomputers.
- f) Catherine was working on a presentation created using a presentation program and wished to insert a slide between slides 3 and 4. Outline the steps she would follow to achieve her objective. (4 Marks)

QUESTION TWO (20 MARKS)

- a) Explain why a Tours company might choose special purpose software over a general-purpose package. (3 Marks)
- b) Explain Three challenges that an organization can face while using computers. (6 Marks)
- c) Describe the function of the following elements of the central processing unit: (6 Marks)
- i) The Control Unit;
 - ii) Registers;
 - iii) Execution Unit.
- d) Susan came across the following examples of softwares when revising for her computer applications exam. Classify them as either application or system software: (5 Marks)
- Mozilla firefox, Windows Xp, Mac OS, Railways Reservation Software, Database Management system.

QUESTION THREE (20 MARKS)

- a) Explain the circumstances under which the following are used in word processing: (6 Marks)
- i) Line spacing
 - ii) Character spacing
 - iii) Drop cap
- b) Faith, a computer technician, would like to prepare a report detailing quantities of equipment in the laboratory. Explain Two application programs that she could use to achieve her objective. (4 Marks)
- c) Kampuni Ltd has purchased computers for its business operations. Explain three precautions that could be taken when using the computers. (6 Marks)
- d) Outline Two measures that could be used to control hacking on computers by an organization. (4 Marks)

QUESTION FOUR (20 MARKS)

- a) Define the term workbook as used in spreadsheet programs (2 Marks)
- b) Outline Two page formatting features used in word processing documents (4 Marks)
- c) Explain Four views for slides provided by PowerPoint in a presentation (8 Marks)
- d) Describe Three examples of utility software used in a computer system (6 Marks)

QUESTION FIVE (20 MARKS)

- a) Explain the function of the following features in a presentation application: (6 Marks)
 - i) Zoom button
 - ii) Zoom In and Zoom Out icons
 - iii) Zoom Slider
 - iv) Fit slide button
- b) Using suitable diagrams, outline Four paragraph alignments used in word documents. (6 Marks)
- c) Ann has bought a new laptop and intends to install an application software. Explain Two sources from which she can acquire the application. (4 Marks)
- d) Figure 1 below shows a worksheet extract of pupils' progress in three main subjects. Use it to answer the questions that follow;
 - i) Write the formula used in cell G4. (1 Mark)
 - ii) If the data was sorted in column G in descending order, write down the name of the student who would be at the top of the list. (1 Mark)

	A	B	C	D	E	F	G
1	First Name	Second Name	Gender	English	Maths	Science	Average
2							
3	Jammie	Ali	M	60	78	68	67
3	MacDonald	Ronny	M	55	83	65	66
4	Janemary	Sabina	F	87	85	73	82
5	Lillian	Ryle	F	60	75	66	67
6	Kings	Chris	M	86	60	85	77
7	James	Jean	M	45	65	60	57
8	Delphy	Jacobs	F	70	70	67	69
9	Kelly	Daniels	F	93	85	80	86