KITH AND KIN INTERNATIONAL COLLEGE

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THIRD TERM EXAMINATION 2024/2025 ACADEMIC SESSION

NAME SURNAME FIRST					
SUBJECT	COMPUTER STUDIES	CLASS	SS2	DURATION	1 HOUR

SECTION B: THEORY – *ANSWER ONLY FOUR QUESTIONS FROM THIS SECTION,* ALL QUESTION CARRY EQUAL MARKS [40 MARKS]

NOTE: ENSURE YOUR HANDWRITING IS LEGIBLE & NEAT

1. **[a]** Explain System development cycle and describe the last stage **[3marks]**

   [b] State *four* areas the use of word processing can be applied **[2marks]**

   [c] State *any four* types of functions in excel with one example **[4marks]**

   [cii] state any two examples of chart in Microsoft excel **[1mark]**

2 **[a]** Describe Chart and outline the steps to create a chart in Microsoft Excel after imputing the data **[4marks]**

   [b] Explain the term *Algorithm* and write an algorithm to find the sum of any five numbers **[4marks]**

   [bii] State two ways algorithm can be represented **[1mark]**

3. **[a]** Explain the term *21st century digital skills* and state any four [4] examples of 21st century digital skills **[3marks]**

   [b] Define Graphic and Design packages and state any four [4] examples of graphic packages **[3marks]**

   [c]i Describe a flowchart and draw the flowchart for the below program **[4marks]**

   > 10 START
   > 20 LET A = 20
   > 30 LET B = 30
   > 40 LET X = 20*30
   > 50 PRINT X
   > 60 END

4. **[a]** State any *two* characteristics of a Compiler and any *two* characteristics of an Interpreter **[4marks]**

   [b] Describe logical function and state *three* examples of logical functions **[2marks]**

   [c] State any *four* examples of algorithm **[2marks]**

   [cii] Outline any *four* features of Corel Draw **[2marks]**

5**[a]** Briefly describe the following terms; **[5marks]**
   i. Functions
   ii. Formulas
   iii. Word processor
   iv. Program
   v. Microsoft Excel

[b] Describe program development and state any *four* precautions to be taken when writing a good program **[4marks]**

[bii] Explain the sixth step of program development **[1mark]**