SMZ

ZANZIBAR EXAMINATIONS COUNCIL

FORM THREE ENTRANCE EXAMINATION

INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)

TIME 2:30 HOURS   **MONDAY 09TH DECEMBER, 2019 P.M**

INSTRUCTIONS TO CANDIDATES

1. This paper consists of **THREE** (3) sections A, B and C.

2. Answer **ALL** questions in sections A, B and C.

3. All answers must be written in the spaces provided.

4. Write your examination number on every page of your answer booklet.

5. Calculators and Cellular phones are not allowed in the examination room.

6. Use a blue or black pen in writing and drawing must be in pencil.

FOR EXAMINER'S USE ONLY					
QUESTION NUMBER	**MARKS**	**SIGNATURE**	**QUESTION NUMBER**	**MARKS**	**SIGNATURE**
1			9		
2			10		
3			11		
4			12		
5			13		
6			14		
7			15		
8					
TOTAL					

This paper consists of 12 printed pages.

SECTION A : (10 Marks)

Answer ALL questions in this section.

1. Match the terms used in ICT in **List A** with the responses in **List B**. Write the letter of the correct response in the table below.

LIST A	LIST B
i. Mainframe ii. A protocol iii. Host iv. Re-boot v. A firewall vi. #NAME? vii. Ctrl + End viii. Absolute cell reference ix. Crl+C x. Template	A. Protects your computer by examining each information packet that travels over the network. B. Excel does not recognize a function; range a name you entered in a formula. C. The formula refers to an invalid range. D. Defined procedure for interconnecting and interacting. E. The process of calling through network. F. A computer that is attached to a network or the Internet. G. The stand alone computer. H. The process of turning off computer. I. The equivalent of switching your PC off then on. J. A large, expensive computer that supports hundreds or thousands of users simultaneously K. The most expensive computers that perform complex calculations extremely rapidly L. To the end of the document. M. To the end of the line. N. Referred to the same, no matter which cell reference to it. O. The cells or ranges are based on the position relative to the cell that contains the formula. P. Readymade presentation. Q. A utility to correct your wrong words.

ANSWERS

i	ii	iii	iv	v	vi	vii	viii	ix	x

SECTION B (45 Marks)

Answer ALL questions in this section.

2   a) List down three (3) functions performed by utility software.

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3   Explain the meaning of the following ICT terms

   i.   Data

   ii.   Information

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4.   a) Define the term operating system

    b) Point out four (4) layers of operating system in the computer.

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5.   Mention five (5) types of operating system that you know.

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6.   Give three (3) negative effects of internet that may affect our society.

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7   What does the following abbreviations stand for

    i.   HTTPs

    ii.   SMTP

    iii.   FTP

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8   a) What is a network?

b) Explain the types of networks that you know.

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9:    Write down three (3) differences between LAN and WAN

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10 .   Write down four (4) weaknesses of the first computer generation.

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SECTION C: (45 Marks)
Answer ALL questions in this section.

11:    a) What do you understand by the term spreadsheet?

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b) The table below shows data entered into a spreadsheet application

◢	A	B	C	D
1	Years	2006	2010	2017
2	Clothes	656	766	500
3	Shoes	322	770	123
4	Bags	57	55	154
5	Fruits	75	566	860
6	Houses	24	233	621
7	Total	1134	2390	2258

i.   What is the value of cell **C2**

ii.   What is the cell reference of the active cell

iii. State the location of cell containing the value of **1134**

iv.   Write the formula used in cell **B7** to calculate the total for **2006**

v.   Which cell will became active cell if the Home button on the keyboard is pressed?

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12.   a)   i) Explain the term e-learning.

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ii) Write down three (3) disadvantages of e-learning.

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b) Briefly explain three (3) benefits of using computer networking in a work organization.

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c) Analyze two (2) benefits of using electronic commerce.

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13:   a)   State four (4) major categories of computer network elements.

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   b)   Explain the functions of the following:

   i) Gateway

   ii) Repeater

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   c)   Write brief explanation on Disk defragmenter.

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