Candidate's Examination Number……..

SMZ

ZANZIBAR EXAMINATIONS COUNCIL

FORM THREE ENTRANCE EXAMINATION

063 INFORMATION AND COMPUTER STUDIES

TIME: 2:30 HOURS **SUNDAY 27TH DECEMBER 2020 P.M**

INSTRUCTIONS TO CANDIDATES

1. This paper consists of **THREE** (3) sections A, B and C.
2. Answer **ALL** questions in sections A and B and **ONLY ONE** question from section C.
3. Write your examination number on each page.
4. Write all answers in the space provided**.**
5. Use a blue or black pen in writing. Drawings must be in pencil.
6. Cellular phones and unauthorized materials are not allowed in the examination room.

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

This paper consists of 12 printed pages

Candidate's Examination Number……..

SECTION A: (15 Marks)

Attempt ALL questions from this section.

1. Choose the correct answer and write its letter in the table provided below.

   i) A computer is called an electronic device because
   - A: It process data
   - B: It uses electrical signals to process data
   - C: It gives out information
   - D: It accepts user input

   ii) Which one of the following is not true about system unit?
   - A: It is a house of CPU
   - B: It is a house of the monitor
   - C: It connects to all peripheral devices using ports
   - D: It has computer power switch

   iii) The two (2) parts of a computer are
   - A: Control unit and memory
   - B: Address and Register
   - C: Address and ALU
   - D: Control unit and ALU

   iv) Which one of the following is not an operating system?
   - A: Microsoft office
   - B: Linux
   - C: Window vista
   - D: Window 7

   v) What is the name given to alternative source of power?
   - A: Generator
   - B: UPS
   - C: Power backups
   - D: Motor

   vi) The main advantage of a laptop over desktop computer is
   - A: Faster processing speed
   - B: Larger hard disk
   - C: Smaller size hence more portable
   - D: Suitable keyboard

   vii) Two (2) of the following are features of a spreadsheet except
   - A: Formula bar
   - B: Name box
   - C: A ruler
   - D: Status bar

   viii) Which one of the following is not suitable application of spreadsheet program?
   - A: Creating account documents and report
   - B: Analyzing statistically data collected for research
   - C: Creating text based documents and publication
   - D: Editing and formatting document

ix) Which of the following is not antivirus software?
A: Norton security
B: Mc Afee
C: PC Doctor
D: Kaspersky

x) In online processing technique, the remote terminal that is connected to a centralized processing computer known as
A: Work station
B: Switch
C: Server
D: Coaxial.

Answers

i	ii	iii	iv	v	vi	vii	viii	ix	x

2. Match the applications in **Column A** with the appropriate devices in **Column B.** Write the letter of the correct response in the table below.

COLUMN A	**COLUMN B**
i. It is a device that transfers information between networks ii. It provides information that can be used to calculate the location of a specific device iii. It converts electrical signal back in to sound iv. It converts sound signal in to electrical signal v. It enables blind person to read text displayed on computer monitor	A Monitor B. Microphone C. Loud speaker D. GPS E. Braille reader F. Router G. Switch H. Bridge

Answers

i	ii	iii	iv	v

Candidate's Examination Number.....

SECTION B: (75 Marks)

Attempt ALL questions from this section.

3. a) Identify any three (3) benefits of information to the society.

_____

_____

_____

_____

b) State two (2) weaknesses of first computer generation.

_____

_____

_____

4. Briefly explain the procedure required to insert the following in a document.
   i) Page numbers
   ii) Foot notes and end notes
   iii) Header and footer

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

5. a) List down five (5) common icons on window 7 desktop.

_____

_____

_____

b) Distinguish between command line user interface and graphical user interface.

_____

_____

_____

_____

_____

6. a) Differentiate between the following computer terminologies:-

i. Light pen and stylus.

ii. Magnetic Ink Character recognizes (MICR) and Optical Mark Reader (OMR).

_____

_____

_____

_____

_____

_____

_____

_____

_____

b) i) State any two (2) characteristics of memory.

_____

_____

_____

_____

ii) Identify three (3) cache memory.

_____

_____

_____

_____

7. a) What is a computer laboratory?

_____

_____

_____

_____

b) Briefly explain any four (4) safety precautions to be observed while working in a computer laboratory.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

c) Mention any three (3) things that can destroy your computer.

_____

_____

_____

8. a) Define the following terms.

i. Window desktop

_____

_____

_____

ii. Data

_____

_____

ii. Information

_____

_____

_____

b) Explain the four (4) common mouse operations.

_____

_____

_____

_____

9. a) Briefly explain how you will save a word document in a computer driver.

_____

_____

_____

_____

_____

_____

b) Outline five (5) different versions of Microsoft windows operating system.

_____

_____

_____

_____

10. a) Briefly explain the term Net working.

_____

_____

_____

b) With the help of diagram, write short explanation on **star topology.**

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

b) Give two (2) differences between LAN and WAN.

_____

_____

_____

_____

_____

_____

_____

_____

SECTION C: (10 Marks)

Attempt ONLY ONE (1) question from this section.

11. a) Define the term spreadsheet.

_____

_____

_____

b) Read the information provided below and answer the question that follow.

	A	B	C	D	E	F	G
1	**Day**	**Name**	**Sales**	**Cost**	**Income**	**Profit**	**Profit%**
2	Monday	Juma	45	15.5	19.70		
3	Tuesday	Asma	53	18.63	24.25		
4	Wednesday	Mussa	37	11.48	15.45		
5	Thursday	Chiku	72	21.20	26,65		
6	Friday	Jaku	64	19.25	24.90		
7		Total					
8		Average					
9							

i) Complete the table by filling F2 to F6 and G2 to G6

ii) Find C7, D7 and E7

iii) Calculate C8, D8 and E8

12. a) Differentiate between the following terms as used by the user of Ms Word.

i) File - close and File - exit

ii) Save and save as

iii) Print and print preview

iv) Header and Footer

_____

_____

_____

_____

_____

b) Describe the essential components required for the establishment of internet connection in an organization.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

==========