

Candidate's Examination Number.....

SMZ

ZANZIBAR EXAMINATIONS COUNCIL

FORM THREE ENTRANCE EXAMINATION

063

INFORMATION AND COMPUTER STUDIES

TIME: 2:30 HOURS

SUNDAY 27<sup>TH</sup> 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

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	A. Monitor B. Microphone C. Loud speaker D. GPS E. Braille reader F. Router G. Switch H. Bridge
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	

Answers

i	ii	iii	iv	v

SECTION B: (75 Marks)

Attempt ALL questions from this section.

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

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

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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

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for handwriting practice. There are no margins, text, or other markings present.

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

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

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

- i. Light pen and stylus.
- ii. Magnetic Ink Character recognizes (MICR) and Optical Mark Reader (OMR).

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

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ii) Identify three (3) cache memory.

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7. a) What is a computer laboratory?

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

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

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8. a) Define the following terms.

i. Window desktop

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ii. Data

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ii. Information

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

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

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

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10. a) Briefly explain the term Net working.

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

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

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SECTION C: (10 Marks)

Attempt ONLY ONE (1) question from this section.

11. a) Define the term spreadsheet.

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- 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							

- Complete the table by filling F2 to F6 and G2 to G6
- Find C7, D7 and E7
- Calculate C8, D8 and E8

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

i) File - close and File - exit

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ii) Save and save as

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iii) Print and print preview

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iv) Header and Footer

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

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