

UNIVERSITY OF FORT HARE

INFORMATION AND COMMUNICATION TECHNOLOGY

ADVANCED CERTIFICATE IN FOUNDATION PHASE TEACHING

JUNE MAIN EXAMINATION 2023

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TIME: 2 Hours
SUBJECT: ICT 111E
MARKS: 50

This memorandum consists of papers including the cover page

INTERNAL EXAMINER

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INTERNAL MODERATOR

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INSTRUCTIONS TO CANDIDATES

1. Answer ALL the questions.
2. Read ALL the questions carefully.
3. Number the answers correctly according to the numbering system used in this question paper.
4. Write neatly and legibly.

SECTION A: MULTIPLE CHOICE

1. The device that the computer uses to keep data is called
 - A. input device
 - B. output device
 - C. processing device
 - D. storage device

2. In which of the following are the storage devices arranged on the basis of lowest to the highest capacity?
 - A. CD, DVD, Floppy Disk and Hard Disk
 - B. Floppy Disk, Hard Disk, DVD and CD
 - C. Floppy Disk, CD, DVD and Hard Disk
 - D. Floppy Disk, DVD, CD and Hard Disk

3. Programs that perform specific task for users are referred to as
 - A. application software
 - B. computer software
 - C. operating software
 - D. system software

4. The software responsible for the management of the basic operations of the computer is the
 - A. application program
 - B. device drivers
 - C. operating system
 - D. utility program

5. Which of the following devices will enable users to get access to the internet connection?
 - A. keyboard
 - B. Modem
 - C. Projector
 - D. Scanner

6. The internet is a
 - A. global network of computers
 - B. government agency that links computers
 - C. software for designing programs
 - D. special network of computers in an office

7. The computer equivalence of a sheet of paper divided into rows and columns in the office suite is called
 - A. database
 - B. electronic sheet
 - C. spreadsheet
 - D. word processor

8. The following are good practices in the computing environment except
 - A. copyrighting of software
 - B. designing of cards
 - C. networking of computers
 - D. pirating of software

9. Which of the following software can be used to enhance teaching and learning through the use of pictures, video and sound?
 - A. Multimedia software
 - B. Network software
 - C. Programming software
 - D. Utility software

10. A program on the computer which enables users to type your assignments is the
 - A. browser
 - B. spreadsheet
 - C. utility
 - D. word processor

11. The save command is found under which of the following menu buttons?
- A. Edit
 - B. File
 - C. Insert
 - D. Tools
12. Which of the following is used to produce hard copies from personal computers in schools?
- A. Photocopier
 - B. Monitor
 - C. Scanner
 - D. Printer
13. All of the following are reasons for using ICT in education except
- A. forcing students to learn at others' pace
 - B. increasing learner motivation and engagement
 - C. facilitating the acquisition of basic skills in subject areas
 - D. enhancing teaching through the use of presentation software
14. Which of the following terms refers to unsolicited emails in the form of advertising or chain letters?
- A. Compose
 - B. Inbox
 - C. Spam
 - D. Trash
15. Computer virus is capable of
- A. enhancing the contents of a file
 - B. maintaining the computer system
 - C. making the work of the computer easy
 - D. slowing down the computer system performance
16. Computer devices such as mouse, trackpad and joystick are referred to as
- A. Output devices

- B. Pointing devices
- C. Standard devices
- D. Internal devices

17. The most common means by which data are input into the computer is through the

- A. mouse
- B. keyboard
- C. microphone
- D. joystick

18. Which of the following statements is not true?

- A. Remove all removable storage media or device from the system unit when switching on a computer.
- B. Shut down a computer system before removing the electric power supply
- C. Random access memory is part of main memory
- D. The application software must be loaded before an operating system can be loaded when a computer system is switched on.

19. GUI stands for

- A. Grand User Interface
- B. General User Interface
- C. Graphic User Interface
- D. Graphical User Interrupt

20. The bar on the desktop which displays opened applications and other icons is referred to as

- A. scroll bar
- B. taskbar
- C. title bar
- D. toolbar

SECTION B

1. State any three (3) positive uses of the internet:

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[3 marks]

2. State any three (3) negative uses of the internet:

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[3 marks]

3. List any four storage media:

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[4 marks]

4. What is an input device?

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[3 marks]

5. What is an output device?

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[3 marks]

6. Classify the following into either input or output device in the table below: (i) Microphone; (ii) Joystick; (iii) Webcam; (iv) Speakers; (v) Scanner; (vi) Mouse.

INPUT DEVICE	OUTPUT DEVICES

[6 marks]

7. List two areas of learning where information and communication technology tools can be integrated

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[2 marks]

8. Using examples from your experience, describe any three benefits of using ICT in education

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[3 marks]

9. Based on your own experiences, briefly describe any three challenges of using ICT in education

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[3 marks]