FEBRUARY 2023

EDUCATION-NEWS CONSULT
HOME MOCK MARKING SCHEME

ICT MARKING SCHEME

PAPER 1
OBJECTIVE TEST
[40 MARKS]

1. C	6. D	11. C	16. B	21. A	26. B	31. D	36. A
2. C	7. B	12. D	17. C	22. C	27. B	32. A	37. A
3. D	8. B	13. A	18. B	23. A	28. A	33. A	38. A
4. A	9. D	14. C	19. B	24. A	29. C	34. C	39. C
5. C	10. A	15. A	20. B	25. A	30. A	35. D	40. A

PAPER 2
[60 MARKS]

Question 1

a. i. Identify the devices labelled A, B, C, D and E.   *10 marks*

A : Hard disk drive / hard disk

B: Facsimile machine / fax machine

C: Scanner

D: Printer

E: CPU / Central processing unit / processor / main processor /central processor

2 marks each x 5 = 10 marks

ii. Mention two differences between data and information.   *4 marks*

Data	Information
Data are the raw material	Information is the product
Data are not specific	Information is specific
Data are raw facts that need to be processed	Information is processed facts
Data are unorganized facts	Information is organized facts,
Data are independent figures or values	Information depends on data

b. State the type of device from 1(a) that is associated with each stage of the information processing cycle.   *5 marks*

Stages of the information processing cycle.	Device
Input stage	Scanner
Processing stage	CPU
Output stage	Printer
Storage stage	Hard disk
Distribution/Communication	Fax machine

c. Define the following terms.

i. Bytes   *2 marks*

A byte is a sequence of bits which consists of eight bits. A byte is equal to 8 bits. A byte is the basic unit of information in computer storage and processing

ii. Control unit   *2 marks*

A control unit is the circuitry that directs operations within a computer processor.

c. Write the acronym RAM in full.   *1 mark*

Random Access Memory

Question 2

a. State three categories of

i. software.   *3 marks*

- Freeware
- Shareware
- Custom-made software
- Proprietary software
- Public domain software
- Packaged software
- Open-source software

i. keyboard.   *3 marks*
- Standard keyboards ✗
- Ergonomic keyboards
- Enhanced keyboards

QWERTY Keyboards.
Wired Keyboards.
Numeric Keypads.
Ergonomic Keyboards.
Wireless Keyboards.
USB Keyboards.
Bluetooth Keyboards.

b. Rearrange the following steps to launch and load Microsoft Office Word.   *4 marks*

- i.   Click on the Start button to display the Start Menu.
- ii. Click on All Programs and a pop-up program menu appears.
- iii. Look for and click on Microsoft Office or Microsoft Office folder on the submenu.
- iv. Click on Microsoft Office Word and wait for a few seconds.

c. State two
i. features of the Windows desktop.   *2 marks*
- Icons
- Wallpaper
- Taskbar
- Mouse pointer

- System tray
- Notification area

ii. features of a window   *2 marks*

- Title bar
- Tabs
- Control box
- Navigation pane
- Toolbar
- Window border
- Status bar

c. List two software that can be used to learn typing.   *4 marks*

- Mavis Beacon Teaches Typing

- Typing Master

- TypingClub

- KAZ Type

- Rapid Tying Tutor

Question 3

a. What is boot failure?   *2 marks*

Boot failure is the inability of the computer to locate and or read the operating system from the designated disk. **OR** A boot failure is Windows startup error that appears when a computer fails to find or load the Windows boot files.

b. Mention two causes of boot failure.   *4 marks*
- Hard disk failure

- No power to the boot drive

- Corrupted or incorrect BIOS settings

- Bad or disconnected data cable or ribbon to the drive

- Presence of a bootable disc is in the CD-ROM drive.

c. Write the steps to shut down a computer.   *6 marks*

- Close all running programs and windows

- Click on the Start button to display the start menu

- Click turn off/shut down on the start menu

- Click on Turn Off in case another dialog box appears.

- Wait for the system to shut down.

- Press the power button of the monitor to turn it off.

OR

- Close all running programs and windows
- Click on the Start button to display the start menu
- Select the Power button
- Select shut down
- Wait for the system to shut down.
- Press the power button of the monitor to turn it off.

Question 4

a. i. State two possible health hazards associated with the long-term exposure to ICT tools. *2 marks*

- Hearing problem
- Obesity
- Cancer
- Sleep disorders
- Eye problems
- Neck strain
- Eye strain
- Behaviour disorders
- Noise pollution
- Brain cell damage
- Electric shock

ii. Mention two safety precautions in using mobile phones. *2 marks*

- Reduce the volume of your ringing tone.
- Do not make calls while charging mobile phones.
- Do not use your shoulder to hold phones while you are busy working on other things.
- You should not put your phone in the left top pocket of your chest.
- Keep your calls short using a cellphone.
- Drivers should not use mobile phones when driving.
- Use hands-free or Bluetooth devices to receive calls.

b. List four manipulative keys. *4 marks*

- Esc
- Caps Lock
- Ctrl
- Alt
- Tab
- Enter key
- Home
- Insert
- Delete
- Backspace key
- Shift key

c. State two ways of using ICT tools to learn.   *4 marks*

- To access information
- To share ideas
- To make illustrations
- To make presentation
- To do mathematical calculations
- To do word processing.

Question 5

a. Mention two uses of the Start button.   *4 marks*
- Used to start programs
- Used to shut down the computer
- Used to access Help and Support
- Used to open recently accessed documents.
- Used to search for files

b. Classify the various components of ICT according to the headings given in the table below. *8 marks*

Sharing ideas	*Calculations*	*Accessing information*
Instagram	*Quattro Pro*	*YouTube*
Twitter	*Microsoft Excel*	*Google Search*
Skype	Calculator	