

GB ASSESSMENT TEST

VIRTUAL MOCK EXAMINATION (1)

INFORMATION & COMMUNICATION TECHNOLOG- APRIL 2020

MARKING SCHEME - OBJECTIVE TEST--

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

SECTION B PART 1

- (1). (a) (i) *Anything in the format;*
 Input and output devices of the computer
 Input and output devices of the computer system
 Peripheral devices of the computer
 Peripheral devices of the computer system [2 marks]

- (ii). NAME THE DEVICES LABELED A TO G [2 marks]
 A _____ Modem
 B _____ Computer headset
 C _____ LCD projector
 D _____ Monitor/Flat screen monitor
 E _____ Speaker(s)
 F _____ Plotter
 G _____ Printer [7 x 1/2 = 3.5 marks]

- (iii). GROUP THE LABELED DEVICES UNDER THE FOLLOWING:

Input devices;
 Modem
 Computer headset [1 mark]

Output devices;
 Modem
 Computer headset
 LCD projector
 Monitor / Flat screen monitor
 Speaker(s)
 Plotter [1.5 marks]

Both input and output devices; Modem

Computer headset
 Printer [1 mark]

- (b) (i) Computer keyboard [2 marks]
 (ii) A _____ ESC key
 B _____ cap lock key
 C _____ shift key
 D _____ spacebar
 E _____ enter key [5 x 1 = 5 marks]

- (iii) **THE USE OF THE PART LABELED B**
 It is used to switch between uppercase letters and lowercase letters/
 It is used to change lowercase letters to uppercase letters vice versa [3 marks]

(c) NAME OF ICT TOOLS AND THEIR USES

| ICT TOOLS | USES |
|---------------------|---|
| Digital thermometer | It is used to measure the temperature of objects. |
| Printer | It is used to make hard copies of documents. |
| Speedometer | It used to measure speed. |
| Headset | It used to listen to music and chat on the internet |
| Digital watch | It is used to tell the time. |

[5 marks]

PART II

2.(a) (i) **ADVANTAGES OF EMAILS OVER PAPER-BASED LETTER WRITING.**

- ✓ Email provides enhanced features; such as file attachments, Rich Text Format, and delivery information etc which is otherwise not possible when sending a paper-based letter.
- ✓ Email is time saving and more efficient.
- ✓ It is a more private and reliable form of information than paper-based communication.
- ✓ A single email can be sent to more people at less time and less cost, etc.

[Any 4 x ½ =

2 marks]

(b). **STEPS IN LAUNCHING PAINT APPLICATION USING THE START MENU.**

- ✓ Click the Start Menu
- ✓ Click All Program
- ✓ Click accessories
- ✓ Click Paint to launch the application [Any 4 x ½ = 2 marks]

(c) (i) **DEFINITION OF WINDOWS DESKTOP**

Desktop is the systems main interface screen which displays the taskbar, the wallpaper, icons and provides quick access to programs and information. /

Is a graphical user interface that provides a quick access to programs and information /

It is the graphical user interface that appears after booting [2 marks]

(ii) **ICONS FOUND ON THE WINDOWS DESKTOP**

- ✓ My computer
- ✓ Recycle bin
- ✓ My network places
- ✓ My document etc [Any 4 x ½ = 2 marks]

(d) (i) **DIFFERENCE BETWEEN 'SAVE' AND 'SAVE AS' COMMAND**

The *save* command is used when changes have been made to the contents of an already existing document.

The *save as* command is used when saving a file for the first time [2 marks]

(ii) **CONDITIONS THAT ARE NEEDED TO SAVE A FILE**

- ✓ A name for the file, and
- ✓ The location to save the file [2x 1 =2 marks]

3. (a) **EXPLANATION OF TERMS**

(i). ***Device drivers;***

Device drivers are types of software that works with the operating system to allow communication between the devices and the rest of the computer system. [1 mark]

Examples: Add Printer Wizard, Windows Update etc. [1 mark]

(ii). ***Utility programs;***

Utility programs protect and add more functionality to the computer system. [1 mark]

Examples: Antivirus, backup, troubleshooting, uninstalls, file compression, defragmentation etc [1 mark]

(b) (i) **EXTERNAL PARTS OF THE MOUSE**

- ✓ Mouse chord/cable
- ✓ Left button/primary mouse button
- ✓ Right button/secondary mouse button
- ✓ Scroll wheel
- ✓ Base
- ✓ Body

[Any 4 x ½ = 2 marks]

(ii) **EXPLANATION OF MOUSE ACTIONS:**

(α) ***Double-clicking***-The act of quickly pressing the left mouse button twice in succession without moving the mouse. [1 mark]

(β) ***Clicking***-The act of pressing and releasing the left mouse button. [1 mark]

(γ) ***Dragging*** – the act of pointing to an item, holding down the left mouse button and moving and releasing the item to the desired location.

[1 mark]

(c) **TO CHANGE A FOLDER HOMEWORK TO EXAMS:**

- ✓ Right-click on the folder icon
- ✓ From the context menu select rename.
- ✓ Erase the old name (homework) and type the new name (exams)
- ✓ Click outside the folder area or strike the enter key. [2 marks]

(d) (i) **POSITIVE USES OF THE INTERNET.**

- ✓ Communication
- ✓ Education
- ✓ Information,
- ✓ Business
- ✓ Entertainment

[2x ½ =1 mark]

4. (a).(i) **APPLICATION SOFTWARES FOR WORD PROCESSING**

- ✓ Word
- ✓ OneNote
- ✓ Text editor
- ✓ WordPad
- ✓ Notepad etc

[Any 3 x 1 = 3 marks]

(b). **MAJOR CHARACTERISTICS OF A PRINTER**

It expands storage and display capabilities of the computer system

It produces permanent copy on media such as paper which can be kept longer

[2 x 1 = 2 marks]

(c) **FEATURES THAT MAKE IT EASY TO USE WORD PROCESSING APPLICATION THAN A TYPEWRITER.**

- ✓ Word processor unlike typewriter, is easy to make corrections and less expensive before it is finally presented on its desired format
- ✓ Its rich features such as fonts, underline, grammar etc which is not available in typewriting makes it friendly to use.
- ✓ Work done with word processors, can be saved on a variety of formats. etc

[Any 2 x 1 = 2 marks]

(d) (i) **STEPS INVOLVED IN TURNING OFF A COMPUTER SYSTEM**

- ✓ Click on the start button
- ✓ select turn off

✓ Click on turn off / press enter on the keyboard

[Any 2 x 1 = 2 marks]

(ii) **FULL MEANING OF ABBREVIATIONS**

- α) http:..... Hyper text transfer protocol [1 mark]*
(β) wpm:..... Words per minutes [1 mark]
(γ) WAN :..... Wide Area Network [1 mark]

5. (a). **MEANING OF THE FOLLOWING ACRONYMS IN THE USE OF COMPUTERS.**

- (i). **AC** - Alternative Current
(ii). **DC** - Direct Current
(iii). **UPS** - Uninterruptible Power Supply [3 x 1 = 3 marks]

(b). **THE MAJOR ADVANTAGES OF UPS TO A SYSTEM UNIT**

It supplies constant flow of power into the computer system even when there is direct power cut for a given minutes depending on its strength. [2 marks]

(c) **THE VALUE OF THE COOLING FAN OR HEAT SINKS IN A SYSTEM UNIT**

It cools down the temperature by sending heat out the system unit through the heat sink. [2 marks]

(d) **COMPLETING THE STATEMENTS WITH THE CORRECT MATCH**

- ✓ Always keep the mouse.....*on the mouse pad*..... [1 mark]
✓ Press the keys of the keyboard.....*very softly*..... [1 mark]
✓ Do not sit close.....*to the monitor*..... [1 mark]
✓ Never switch off the computer.....*directly*..... [1 mark]
✓ Do not carry eatable.....*near the computer*..... [1 mark]