WAKISSHA JOINT MOCK EXAMINATIONS
MARKING GUIDE
Uganda Certificate of Education
UCE August 2018
COMPUTER 840/1

SECTION A

1.	A	6.	D	11.	C	16.	B
2.	B	7.	D	12.	B	17.	C
3.	D	8.	C	13.	B	18.	B
4.	B	9.	A	14.	A	19.	B
5.	D	10.	C	15.	C	20.	C

(20 marks)

SECTION B

21. (a) (i) PCI: Peripheral Component Interconnection.
(ii) AGP: Aggregator Graphics Port.
(iii) CAD: Computer Aided Design.

(03 marks)

(b) Character printing refers to producing of one character at a time while line printer refers to producing of one line at a time during printing. (02marks)

(c)
(i) Impact printers are not rich in tants.
(ii) Cannot produce images.
(iii) Produce much noise during printing.
(iv)
(v)

(02 marks)

(d)
(i) Digital phone
(ii) Microphone
(iii) Voice recognition device.

(03 marks)

22. (a) A program is a list of instructions that when executed cause the computer to behave in a predetermined manner. (01 mark)

(b)
- (i) Portable
- (ii) Error checking ability
- (iii) Efficient
- (iv) Affordable
- (v) Clear and simple.
- (vi)
- (vii)

(02 marks)

(c)
- (i) Linker
- (ii) Complier
- (iii) Interpreter
- (iv) Assembler
- (v)
- (vi)

(03 marks)

(d)
- (i) BASIC
- (ii) FORTRAN
- (iii) C+
- (iv) C++
- (v) Ada
- (vi) Java

(02marks)

(ii)
- – Machine code
- – Assembler language.

(e)

HLPL	LLPL
– Easy to learn	– Not easy to learn
– Machine independent	– Machine dependent
– Less prone to errors	– Prone to errors
– Easy to maintain	– Not easy to maintain

(02marks)

23. (a) Web hosting refers to an internet service that allows organisations or individuals to post website or webpage into internet. (01mark)

(b)
- (i) Require computer knowledge and skills.
- (ii) Net internet connectivity
- (iii) Screen size
- (iv) Security
- (v) Speed of internet access.
- (vi)
- (vii)

(03marks)

(c)
- (i) Ms. Front page
- (ii) Adobe Dreamweaver
- (iii) Ms. expression web
- (iv) Notepad
- (v) Composer
- (vi)
- (vii)

(02marks)

24. (a) Total for Betty: = Sum (D4:F4)

Choti: = Sum (D6:F6) Sum (01mark)

(b) Position for;
- (i) Guddi = Rank (G7, & G&7: G&)
- (ii) Peter = Rank (G5, & G&5: G&) (02marks)

(c) (i) Nabutereka = Sum(D7:F7) (02marks)

(ii)
- – F – lotus 1-2-3
- – Super calc
- – Vic calc
- – Openoffice.org.calc
- –

(02marks)

25. (a) Multimedia refers to an integration of text, graphics, animations, audio and video normally using a computer application. (01mark)

(b) (i) **Education:**
- – Downloading of educational material.
- – Research by both teachers and students.
- – Communication

- Entertainment
- Advertisement.
-
-
-

(02marks)

 (ii) **Home:**
- Communication
- Study purpose
- Money transfer (EFT)
- Downloading
- Entertainment
- E learning.
-
-

(02marks)

 (iii)
- Viruses
- Cookies
- Weather
- Bandwidth
- Hard disk space
- Memory
- Browser
-
-
-

(02marks)

26. Bus refers to the electric pathway that carries data signals within a computer. (01mark)

 (b)
- (i) Address bus
- (ii) Data bus
- (iii) Control bus. (02marks)

 (c) A port is a socket outside the system unit that are connected to the external board on the inside of the system unit.

<div align="center">

While

</div>

Slot is a provision on the motherboard that accepts the expansion card. (02marks)

(d)
- (i) Motherboard
- (ii) Hard drive
- (iii) Random Access Memory
- (iv) Read only Memory
- (v) Processor fan
- (vi) Socket slots
- (vii) CD/DVD drives
- (viii) Cables
- (ix) Power supply.
- (x)
- (xi)
- (xii)
- (xiii)

(03marks)

(e)
- (i) Large shortage capacity
- (ii) More resistant to virus attacks
- (iii) It is more durable.

(02marks)

27. (a) Coding refers to the process of translating a solution into a language that the …..can understand.

While

Debugging refers to the processing of correcting errors in a computer code.

(b)
- (i) It must be error few
- (ii) It must fulfill the needs of the user.
- (iii) It must be user friendly
- (iv) It must be cheap to produce.
- (v) It must be reliable
- (vi) It must be cheap to maintain
- (vii) It must be easy to learn.
- (viii) It must be easy to obtain.

(12marks)

(c)
- (i) Problem identification
- (ii) Analysis
- (iii) Design phase

      (iv)   Coding

      (v)   Testing

      (vi)   Implementation

      (vii)   Maintenance

(04marks)

28.   **Positive**

      (i)   Entertainment e.g playing music

      (ii)   Communication through the use of emails.

      (iii)   Research

      (iv)   E learning

      (v)   E commerce

      (vi)   E banking

(20marks)

      Negative

      (i)   Access to pornographic material

      (ii)   Computer malmane /virus

      (iii)   Computer hacking

      (iv)   Expensive to bug

      (v)   Expensive to maintain

      (vi)   Isolation of the computer illiterates.

      (vii)

      (viii)

      (ix)

29.

      (i)   Tables

      (ii)   Forms

      (iii)   Queries

      (iv)   Reports

      (v)   Macros.

      (vi)

      (vii)

      (viii)

      (ix)

      (x)

(20marks)

END