

Name Index No

School Signature

840/1
COMPUTER STUDIES
PAPER 1
May/ June 2016
2½ hours

GLOBAL HIGH SCHOOL PRE-REGISTRATION EXAMINATIONS

Uganda Certificate of Education

COMPUTER STUDIES

ICT DEPARTMENT

Paper 1

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

Write your name, signature, center, and index number in the spaces above.

*This paper consists of three sections **A, B** and **C**.*

*Section **A** contains **20 compulsory** objective questions.*

*The correct alternative **A, B, C** or **D** against each question must be written in the box provided on the right hand side of each question.*

*Section **B** consists of **six compulsory** structured questions.*

*Section **C** contains three essay questions. Attempt only **one**. Answers to this section must be written in the answer booklets or answer sheets provided.*

FOR EXAMINERS' USE ONLY

MCQ	Q.21	Q.22	Q.23	Q.24	Q.25	Q.26	Q.27	Q.28	Q.29	Total

Global High School Ntungamo S4.Computer Studies.
“Serve & Be Served” “Advance In Technology” 0700812560

SECTION A: (20 MARKS)

1. What is the maximum capacity of a compact disc?
 - A. 100KB
 - B. 4.7GB
 - C. 700MB
 - D. 44MB
2. Is the computer that operates by counting, comparing and re-arranging digits.
 - A. Super computer
 - B. Digital computer
 - C. Analog computer
 - D. Mainframe
3. The difference between a scanner and a display device is
 - A. An input device
 - B. A computer part
 - C. An output device
 - D. Metallic while a scanner is not.
4. The type of software that helps to create and revise financial information easily is;
 - A. Reference software
 - B. Educational software
 - C. M.s Access.
 - D. Spread sheet programs.
5. A program that is user friendly is said to have;
 - A. Difficult instructions.
 - B. Clear and simple instructions.
 - C. Many command prompts
 - D. Programming language
6. Which of the following is an example of a default setting for a word processing program?
 - A. Single spacing
 - B. Typing
 - C. Double clicking
 - D. File menu
7. To create customized for letters, you add different variables to;
 - A. Dictionaries
 - B. Page layout
 - C. Macros
 - D. Thesaurus

8. The following are advantages of manual systems except.....
- A. Manual systems are cheaper
 - B. They are easy to understand
 - C. Manual systems do not take time.
 - D. Power failure does not affect manual systems.
9. Which of the following is not an example of a web browser?
- A. Internet explorer
 - B. Mozilla fire fox
 - C. Google chrome
 - D. Yahoo
10. Which of the following is NOT a use of computer applications in a school?
- A. Class time tabling
 - B. Student registration
 - C. Computer based training
 - D. Student counseling
11. Which of the following is a good example of an internet address?
- A. world vision@yahoo.com
 - A. <http://worldvision.ww.org>
 - B. [www.http//worldvision.ac.uk](http://worldvision.ac.uk)
 - C. <http://www.worldvision.org>
12. An ancient computer which used to perform the same tasks as performed by the arithmetic logic unit of a modern computer is.....
- A. Abacus
 - B. Mill
 - C. Store
 - D. Input
13. The input device converts hard copies into electronic copies; for, instance ,it can convert a photograph on paper, into a photograph which can be viewed on a computer.
- A. Printer
 - B. Digital camera
 - C. Scanner
 - D. Monitor
14. Which file type is used for spreadsheet documents
- A. .xls
 - B. .mp3
 - C. .doc
 - D. .gif

15. Which of the following best describes the term “computer evolution”?
- An accumulation of computer technology
 - Different years in which computers were manufactured.
 - Advancement in computer technology
 - The four different generations in the history of computers
- A. All the above
B. (i),(ii) & (iii)
C. (iii)
D. (iv)
16. Which of the following versions of keyboards is the most recent?
- A. 83-key pc and TX keyboards.
B. Enhanced 101 – keyboard
C. 84-key AT keyboard
D. Enhanced 104-keyboard
17. The ability of a computer to make decisions and operate without being instructed is called
- A. Automation
B. Diligence
C. Roman number language
D. Machine language
18. Which generation of computers lasted between 1944-1959
- A. First generation
B. Second generation
C. Third generation
D. Fourth generation
19. Below is a specification of four computers, which one has the highest processing speed?
- | Model | Hard Disk | RAM |
|----------------|--------------------|-----|
| A. Pentium IV | 30GB | 256 |
| B. 80586 | 900,567,753 bytes | 4 |
| C. Pentium III | 10GB | 56 |
| D. Pentium II | 8,564,523,008bytes | 120 |
20. The lowest level of programming language whose instructions are expressed in 0’ and 1’s is called.....
- A. High level language
B. Natural language
C. Roman number language
D. Machine language

SECTION B: (60 MARKS)

*(Answer **all** questions in this section in the spaces provided)*

21. a) Define the term **kernel**.

(02 marks)

.....

.....

.....

b) The most vital part of the computer is data. List down four risks that data is exposed to;

(04 marks)

- i.
- ii.
- iii.
- iv.

c) Give four remedies to guard against such risks.

(04 marks)

- i.
- ii.
- iii.
- iv.

22. a) Write the abbreviations in full.

BIOS

(01 marks)

.....

CMOS

(01 marks)

.....

CAD

(01 marks)

.....

b) Explain the difference between Hardcopy and Softcopy of data.

(02 marks)

.....

.....

.....

c) Give four advantages of a soft copy (04 marks)

- i.
- ii.
- iii.
- iv.

d) What is a bug? (01 marks)

.....
.....

23. a) Write down any three high level programming language.

- i.
- ii.
- iii.

b) List down any three utility programs. (03 marks)

- i.
- ii.
- iii.

b) Explain any four functions of an operating system. (03 marks)

- i.
- ii.
- iii.
- iv.

24. a) Define the term a web page. (02 marks)

.....
.....
.....

b) List down four reasons as to why businesses connect to the internet. (04 marks)

- i.

- ii.
- iii.
- iv.

c) Give the four limitations of websites. (04 marks)

- i.
- ii.
- iii.
- iv.

25. a) Explain the following terms in relation to databases.

i. Flat file Database (03 marks)

.....

.....

ii. Relational database (01marks)

.....

.....

b) Identify three data types used in the creation of databases. (03 marks)

- i.
- ii.
- iii.

c) List down three stages in information processing cycle. (03 marks)

- i.
- ii.
- iii.

d) Explain the term verification in relation to information processing. (02 marks)

.....

.....

26. a) What is word processor? (01 marks)

.....

.....
b) Explain the terms below in relation to word processing.

i. Formatting (02 marks)

.....
.....
ii. Word wrap (02 marks)

.....
.....
iii. Line spacing (02 marks)

.....
.....
c) State at least three examples of word processing software. (03 marks)

.....
SECTION C

*(Choose only **one** question from this section. Answers should be written in the answer booklet provided)*

27. a) Define a computer. (02 marks)

b) Explain how computers are used in the following areas.

i.) Education

ii.) Homes

iii.) Offices

(18 marks)

28. a) Define the following

i.) System analysis

(02 marks)

ii.) System analyst

(02 marks)

b) Explain the four stages of system analysis.

(16 marks)

29. Computers are required as both a tool and an occupation. Discuss.

(20 marks)

END.