

840/1

Computer Studies

Paper 1

Oct./Nov. 2009

2¹/₂ Hours



UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Certificate of Education

COMPUTER STUDIES

Paper 1

2 hours 30 minutes

Candidate's Name:Index No.....

Candidate's Signature:

INSTRUCTIONS TO CANDIDATES

This paper consists of Two sections, A and B

Section A contains compulsory questions

Chose 4 questions from section B

Any additional question(s) will not be marked

SECTION A

1. Disks come with a feature as a measure of guarding against accidental erasing.
 - A. Write protect
 - B. Saving
 - C. Format
 - D. Default
2. refers to the number of computers controlled by a central host computer.
 - A. Servers
 - B. Stand alones
 - C. Clients
 - D. Switches
3. Which of the following characteristics will be associated with future computers?
 - A. Expensive computers.
 - B. Advanced robotics.
 - C. Big sized system
 - D. Inadequate storage systems.
4. A web page has a unique address called
 - A. Uniform Resource locator
 - B. Hyper text transfer protocol.
 - C. Virtual Reality Modeling
 - D. Transmission control protocol /internet protocol
5. Choose the software program used during meetings to enhance speakers ideas.

- A. Word processing
 - B. MS Excel
 - C. Presentation
 - D. Desktop publisher
6. Which of the following can be written to, only once?
- A. Diskette
 - B. Hard disk
 - C. Flash disk
 - D. CD-ROM
7. The word processing tool that offers similar words or alternatives is called a
- A. Word checker.
 - B. Thesaurus
 - C. Word scanner
 - D. Spell checker.
8. Real time processing is a task of
- A. Utility program
 - B. Tailor made application
 - C. Programming language
 - D. Operating system.
9. Is an example of a boolem data type?
- A. 001011
 - B. \$ 200
 - C. YES/NO
 - D. 26/04/2040

10. Software uses hyper link as one of its tools for developing a web page .
- A. Web browsers
 - B. Web publishers
 - C. Presentations
 - D. Communications
11. Is not an example of an input device?
- A. OCR
 - B. MICR
 - C. OMR
 - D. LCD
12. A Local Area Network (LAN) without a dedicated server is called
- A. A client server
 - B. A peer to peer
 - C. A ring
 - D. An intranet
13. Computers are electronic devices that accept instructions, process input and produce
- A. Information
 - B. Prewritten programs.
 - C. Data
 - D. End users.
14. Data from a floppy disk is transferred to the computer through
- A. Read -write heads
 - B. Access arms
 - C. Drive gate

- D. Drive A
15. Which of the following languages was being used for students new to programming?
- A. FORTRAN
 - B. COBOL
 - C. BASIC
 - D. PASCAL
16. Special files that make a computer start when switched on are called
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- A. Document files
 - B. Command files
 - C. Hidden files
 - D. Boot files
17. The text you type using a computer is directly stored in ...
- A. Ram
 - B. A file
 - C. A directory
 - D. ROM
18. One of the most useful features of the spreadsheet is the ability to
- A. Perform what-if analyses
 - B. Spell check
 - C. Create tables
 - D. Perform calculations
19. A computer program which used to display information on the internet is called a
- A. Gopher site

- B. Browser
 - C. Web site
 - D. Home page
20. Which of the following is an interactive computer program that helps users solve problems?
- A. Robot
 - B. Perception system
 - C. Expert system
 - D. Natural language

SECTION B

21. (a) DESCRIBE THE COMPUTER TERMS BELOW :
- (i) Line spacing
 - (ii) Changing case.....
 - (b) Explain the following terms in presentation software:
 - (i) Transition Looping
 - (ii) Slide Master
 - (iii) Slide Layout
22. (a) State any two functions of a Central Processing Unit (CPU).
- (b) Define the following memory storage terms:
- (i) Bit
 - (ii) Byte
- (c) State two categories of computer memory giving an example in each case .
- (i)
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Example

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(ii)

.....

Example

.....

(d) Describe the major difference between the two categories of computer memory in (c).

23. Describe a relative address'.

(b) Give four advantages of electronic spreadsheets over manual spreadsheets

(c) A teacher keeps a class list containing the following data for each student: Name, Student index number, test scores.

(i) State the data type for each of these fields:

Name.....

Student index number:.....

Test scores

(ii) Which field can serve as a primary key for the record?

24. (a) What is a micro processor?

(b) Describe the difference between a digital computer and an analog computer. Give an example of each.

(c) What electronic technology characterized each of the four generations of computers?

(i) First generation

(ii) Second generation.....

(iii) Third generation

- (iv) Four generation
25. (a) Explain the following terms with examples:
- (i) Off-the shelf software
 - (ii) Custom software
- (b) (i) What is a utility program?
- (ii) State any four functions of utility programs.
26. (i) Distinguish between internet and World Wide Web.
- (iii) Mention any two services offered by the internet.
- (b) Define the following terms.
- (i) Band width
 - (ii) Packet switching
- (c) Name four basic items that are required to gain access to the internet.

SECTION C

27. A Computer system comprises hardware, software, user data and communication. Describe the importance of each component.
28. "The Internet is a harmful tool to man". What is your opinion?
29. Suggest ways in which computers can be used in business and industry in Uganda.