

# Uneb u.c.e computer studies (paper 1) 2017

## SECTION A

*Answer all questions in this section.*

1. Which one of the following is not a storage device?
  - A. Flash Disk
  - B. Memory card
  - C. Hard Disk
  - D. Motherboard
2. A good password contains
  - A. very few characters
  - B. text and numbers
  - C. common words or names
  - D. only numbers
3. A light pen facility can best help computer users to
  - A. draw pictures
  - B. play computer games
  - C. convert hardcopy text into bit-mapped image forms
  - D. mark examinations on a computer
4. In document production, a font is
  - A. data of the same field.
  - B. characters of the same face and shape.
  - C. data of the same record.
  - D. characters in the same document and file
5. The error message that will appear in a cell when the formula used contains a function which is not recognized in spreadsheet is
  - A. ###
  - B. #VALUE
  - C. #NAME?
  - D. #REF!
6. The process of checking whether essential computer peripherals are attached and operational is called
  - A. configuration
  - B. CMOS
  - C. POST
  - D. defragmentation
7. Which of the sets below contains characteristics of advancement in computer technology?
  - A. Smaller in size, faster and more expensive.
  - B. Bigger in size, faster and cheaper.
  - C. Bigger in size, more expensive and faster.
  - D. Smaller in size, faster and cheaper.
8. Computer maintenance, upgrade and configuration utilities are accessed through
  - A. control panel.
  - B. network manager
  - C. system registry
  - D. my computer

9. The lowest level language of a computer is
- A. BASIC
  - B. FORTRAN
  - C. MACHINE
  - D. COBOL
10. The abbreviation MIS in system analysis stands for
- A. Memory Interface System
  - B. Management Information System
  - C. Memory Interface Structures
  - D. Management Information Support
11. The \_\_\_\_\_ will enable users to optimize personal computers.
- A. utility routines
  - B. operating system
  - C. device drivers
  - D. programming languages
12. The service needed to transfer or upload files on the Internet Service Provider is called
- A. HTTP
  - B. FTP
  - C. IP
  - D. HTML
13. The first computing device used to perform arithmetic calculations is
- A. Weaving loom
  - B. Slide rule
  - C. Napier's bones
  - D. Abacus
14. Software systems are developed using
- A. antivirus tools
  - B. operating systems
  - C. programming languages
  - D. word processing
15. Identify the correct rule for HTML tags from the following
- A. Do not use < and > symbols
  - B. Symbols and tag text should be spaced.
  - C. There should always be an opening and closing tag.
  - D. All tags must start with equal signs (=).
16. A row in a database table that contains information about a given person, event, product or asset is a
- A. field
  - B. record
  - C. key
  - D. mask
17. The important way to protect data and other computer network resources is referred to as
- A. decoding
  - B. backup
  - C. zipping
  - D. encryption
18. The views that enable a user to rearrange the order of slides are:

1. Outline view
  2. Slide sorter view
  3. Notes page view
  4. Slideshow view
  5. Normal view
  - A. 1,2,3
  - B. 2,3,4
  - C. 3,4,5
  - D. 1,2,5
19. A computer that is not connected to a network is called a
    - A. Stand-alone
    - B. Client
    - C. Server
    - D. Terminal
  20. Publishing a webpage means;
    - A. Creating files and placing them on a webserver
    - B. Creating an advert and placing it in a Newspaper.
    - C. Web content is printed directly from the source document
    - D. The source documents are merged to webserver contents.

## SECTION B

*Answer all questions in this section*

*All answers must be written in the spaces provided.*

1. a) What is meant by Computer Evolution?  
 b) Use the terms below to complete the statements (i) to (iv)
  - # Data processing
  - # Information
  - # Computer
  - # Data
  - # Hard disk
  - # Information technology
  - i. An electronic device that accepts data input, processes it, outputs the desired information and stores the result is.
  - ii. The conversion of data into information is
  - iii. Raw facts or figures that are of little meaning until they are sorted in a useful way are called?
  - iv. Processed data that has meaning and is useful to the human being is?
    - c) Give two examples of how computer are used in each of the following sectors
      - i) Health
      - ii) Security
2. a) Define the term computer hardware  
 b) Fill in the appropriate category of the hardware devices from the given list: Input, Output, Storage, Communication.

Hardware Device	Category
i. Compact Disk	
i. MODEM	
i. Projector	
i. Barcode Reader	

- c) Explain the functions of the computer components below

- i. Power supply Unit
  - ii. ROM chip
- 23 a) i) What is a wild card in database management systems?
- ii) Give one importance of a wild card in a query criterion.
  - iii) Name one example of the frequently used wild cards.
- b) i) State one characteristic of a label when placed in a spreadsheet cell.
- ii) Outline three uses of electronic spreadsheets.
24. a) i) State any two ways a systems administrator can prevent access to some information on the Internet.
- ii) Give three reasons for preventing access to such information.
- b) i) Explain the term data transmission media in computer networks.
- ii) List three examples of computer data transmission media.
- 25 a) Give the importance of the following features in word processing .
- i. Footnote
  - ii. Toggle Case
- b) Distinguish between Cut and Copy editing features of a word processor.
- c) What is presentation software?
- d) Outline two areas where presentation software may be used.
- 26.a) Explain the function of each of the following programming concepts:
- i) Termination
  - ii) Variable declaration
- b) State the use of a compiler to a programmer.
- c) Explain the term device drivers as applied to computers
- d) Give any two forms of interfaces that can be provided by an operating system to the computer user.

### SECTION C

*Answer only one question from this section.*

27. a) Assuming that an organization is faced with a challenge of choosing between a peer-to-peer network and a server-based network, outline five factors to consider before the final decision is made.
- b) Explain any five limitations to full Internet use in Uganda.
- 28 a) Describe any five factors a Headteacher should consider before buying computers for a school.
- b) Explain five ways in which computer hardware should be taken care of.
29. Describe five conditions that can lead to a computer system re-boot.