

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.