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840/1
COMPUTER STUDIES
Paper 1
NOV EXAM

KIBURARA ALPHA & OMEGA EXAMINATIONS BOARD
SENIOR THREE TERM III 2017
COMPUTER STUDIES
Paper 1
Time: 2 hours

INSTRUCTIONS TO SUB-CANDIDATES.

- ❖ This paper consists of three sections A, B and C .
- ❖ Attempt all questions as stipulated in this question paper.

SECTION A

1. Printed information, called....., exist physically and a more permanent form of Output than that represented on a display device

A. Soft copy
B. Carbon copy
C. Hard copy
D. Desk copy

- 2.....languages are low-level languages.

A. machine and assembly
B. Assembly and third generation
C. Third generation and Forth generation
D. Forth generation and Fifth generation

- 3.A computer user who steals information from other people's computers for bad purposes is called a

A. criminal
B .technologist
C. hacker
D. programmer

4. Which of the following indicates the address of a web page on the address of a web page on in World Wide Web?

A.WWW
B.HTTP
C.FTP
D.URL

5..... is a key

- to productive use of computers.

A. Hard ware
B. Soft ware
C. Data
D. Information

6. A (n)..... Control the allocation and usage of hard ware resources.
 - A. debugger
 - B. compiler
 - C. operating system
 - D. application software
- 7..... Soft ware allows numbers arranged in rows and columns to be calculated.
 - A. word processing
 - B. Spread sheet
 - C. Data base
 - D. Presentation graphics.
8. The two computers in a network should In order to be able to communicate with each other
 - A. use the same type of operating system
 - B. use the same type of processor
 - C. use the same communications protocol
 - D. use the same type of modem
9. E-commerce does all of the following except.....
 - A. increases human resources and productivity
 - B. wastes time for participants at bath ends
 - C. enhances communications among employees, customers, and vendors
 - D. virtually eliminates the barrier of time and distance.
10. Viruses are activated in all of the following ways except by:
 - A. deleting e-mail without opening or executing any attachment
 - B. opening an infected file
 - C. booting a computer with an infected floppy disk in the disk drives
 - D. running an infected program.
11. To prevent his son from using the computer for playing games, MR. NK can make use of a
 - A. Keyword
 - B. Password
 - C. Check digit
 - D. Parity bit
12. A computer allows user to type letters of the alphabet, number, spaces, punctuation marks, and other symbols.
 - A. Key guard
 - B. Touch pad
 - C. Key board
 - D. Touch screen.
13. Physical transmission media used in communications include all the following except
 - A. Microwave cable
 - B. Twisted-pair cable
 - C. Coaxible cable

- D. Fiber-optic cable.
14. Computer hardware includes all of the following except
- A. A system unit
 - B. Input and output devices
 - C. Storage and communications device
 - D. Application programs
15. Some computer components, such as the, are internal and reside inside the system unit.
- A. Keyboard and mouse.
 - B. Processor and memory
 - C. Monitor and microphone
 - D. Printer and scanner
16. A (n) is a small image that displays on the screen to represent a program, a document, or some other object.
- A. Icon
 - B. Menu
 - C. Pointer
 - D. Window
17. E-mail (electronic mail) is
- A. An internet standard that allows users to upload and download files.
 - B. A real-time typed conversation that takes place on a computer.
 - C. An online area in which users conduct written discussions about a particular subject.
 - D. The transmission of messages and files via a computer network.
18. A joy stick is a
- A. Pressure-sensitive pointing device shaped like a pencil eraser that is positioned between keys on the keyboard
 - B. Steering-wheel type input device that is turned to drive a car, truck, or other vehicle
 - C. Vertical lever that is moved in different directions to control the actions of a vehicle or player
 - D.
19. A (n) is a utility that removes an application as well as any associated entries in the system files
- A. File compression utility
 - B. Back up utility
 - C. Uninstaller
 - D. Screen saver
20. There are kilobytes (KB) in two megabytes (MB)
- A. 1000
 - B. 1024
 - C. 2000
 - D. 2048

SECTION B 40 MARKS

21. (a) What is a computer peripheral and give any two examples of computer peripherals? (4 marks)

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(b) Explain the meaning of the following characteristics of computers? (6 marks)

(i) ***Automatic:***

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(ii) ***Versatile:***

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(iii) ***Speed:***

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22. (a)(i) What is a Central processing unit (CPU) (01 mark)

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(ii) Describe any two components of the CPU (02 marks)

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(b)(i) What is a mouse? (01 mark)

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(ii) State any two mouse operations that you know. (02 marks)

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23. Alpha and Omega owns a company which has a small LAN of computers.

(a) Give two advantages of having computers networked. (2 marks)

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(b) She wants to connect the LAN to the internet and also connect the two LANS together. Name the devices she would need to be able to do these jobs.

(2 marks)

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24. (a)(i) Define **booting** of a computer.

(01 marks)

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(ii) List and explain two types of booting.

(02 marks)

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25.(a) .Define the term Blue-tooth. (2 marks)

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(b) Name two networking protocols. (2 marks)

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SECTION C 20 MARKS

26. (a) Explain the meaning of a computer system (2 marks)

(b) Describe the six components of a computer system (18 marks)

SUCCESS