

NAME.....STREAM.....

NANKONDO BRIGHT S.S
B.O.T II COMPUTER EXAM FOR S.1 2019

Time: $1\frac{1}{2}$ hours

Attempt all questions in this paper.

SECTION A: (20 MARKS)

1. The incorporation of some level of human thinking in micro computers and other computerized devices is technically referred to as
A. Diligence B. Artificial Intelligence C. Automation D. Multi-media
2. The ability of a computer to carry out tasks without any supervision is what is referred to as...
A. Multi Media B. Artificial Intelligence C. Automation D. Mobility
3. These statements are all true about computers except.....
(i) Computers can process very large amounts of data in a relatively short period of time
(ii) Computer can learn from their past mistakes
(iii) When an error is made during data entry, a computer can detect it and correct it without first inquiring from the user
(iv) If programmed well, computers can carry out tasks on their own without any human supervision
A. (i) and (ii) B. (ii) only C. (ii) and (iv) D. (iii) and (ii)
4. The ability of a computer to accept all types of data input is termed as:
A. Versatility B. Storage C. Diligence D. Automation
5. Which generation of computers experienced introduction of **peripheral devices**?
A. First Generation B. Second Generation C. Third Generation D. Fourth Generation
6. They are all innovations of the **Second** Generation Computers
(i) Limited Primary Memory
(ii) Use of transistors for internal operations
(iii) Use of punched cards for Input and Output
(iv) Introduction of high level programming language
A. (i) and (iii) B. (iv) Only C. (ii) and (iv) D. (ii), (iii) and (iv)
7. [A printer, A mouse, A Keyboard and a Digital Camera] can best be described as:
A. Input Devices B. Ports C. Computer Peripherals D. Extra Computer Devices
8. Which of the following is not a characteristic of computer?
A. Accuracy B. versatile C. diligence D. expensive
9. As computer technology advances the computer size.....
A. Also advances B. reduces C. enlarges D. remains the same
10. The mechanical era machines were characterized by.....
A. Processing C. storing large amount of information
B. having moving parts D. being very small in size

11.is a programmable, multi-user machine that accepts data and process it into information.
 A. A printer B. A monitor C. A software D. A computer
12. Computers in schools are used for:
 A. Examining process C. Criminal investigation
 B. Scanning internal body parts D. Maintaining accounts
13. Text, graphics, audio, animation, video and sound are elements used in a (an).....presentation.
 A. Multimedia B. Internet C. Database D. Programming
14. When letters like a, b, c.....are entered in the computer, the information is expected to be.
 A. A word B. A formula C. A song D. An essay
15. A computer system is;
 A. Combination of computer components working together.
 B. A physical port of computer.
 C. A rectangular case that houses the C. P.U
 D. .A configuration of a computer.
16. Which of the following options is odd in relation to computer description?
 A. Diligence B. process C. architecture D. artificial intelligence
17. The ability of a computer to work without getting tired or bored is termed as.
 A. Accuracy B. Article intelligence C. Diligence D. Speedy
18. Computer which in corporate both digital and analogue computers are referred to as.
 A. Digital computer B. Analogue computer C. Hybrid computer D. All of the above
19. Computers in bank are used for.
 A. Examination processing C. Balancing books of accounts
 B. Scanning of the internal body parts. D. Booking and checking.
20. The ability of a computer to think like humans is called.
 A. Accuracy B. Artificial intelligence C. Diligence D. Speedy.

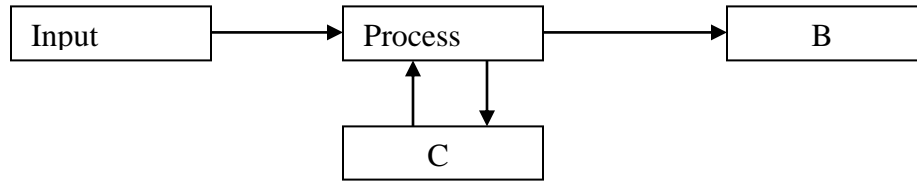
SECTION B: (30 MARKS)

21. (a).Mention any 4 major tasks which can be carried out by a computer. (04 marks)

- (i).....
- (ii).....
- (iii).....
- (iv).....

- (b). Computers have been classified according to: (03 marks)
 (a) (b)..... and
 (c)

(c). Study the diagram below and use it to answer the questions that follow:



- i. Fill in the missing parts of the process. (02 marks)
 B.....C.....
 ii. What is the technical term given to the process represented in the figure above?
 (01 mark).....

22.(a) Define the term **Computer Generation**. (02 marks)

.....

(b) For each of the computer generations stated below, mention the major technological innovation of that generation.

(i) Third Generation

..... (01 mark)

(ii) Fourth Generation

..... (01 mark)

(c) Give any **two** examples of computers invented during the '**Mechanical era**'. (02 marks)

(i)

(ii)

(d). Mention three examples of a First Generation Computer (write their names in full).
 (03 marks)

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23. Write the following abbreviations in full. (10 marks)

- a) GUI.....
 b) MHZ.....
 c) PC.....
 d) ICT.....
 e) IBM.....

END

BY: MR. MUGWISA DARIUS