

(6 pages)

Reg. No. : .....

**Code No. : 30704 E      Sub. Code : SNCA 3 B**

B.C.A. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2020.

Third Semester

Computer Application

Non-Major Elective — INTRODUCTION TO  
COMPUTERS

(For those who joined in July 2017 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. The number of instructions a computer can process in a given time is called its —————.
  - (a) versatility
  - (b) speed
  - (c) efficiency
  - (d) accuracy

2. The combination of Analog and Digital computer are called as \_\_\_\_\_.
- (a) Hybrid computer    (b) Mini computer  
(c) Super computer    (d) Micro computer
3. Which one of the following is consider to be brain of computer?
- (a) Processor            (b) RAM  
(c) ROM                  (d) Hard drive
4. Which component of a computer connects the processor to the other hardware?
- (a) Motherboard        (b) CPU  
(c) Punch card         (d) Chip
5. Default pointing device of a Laptop is \_\_\_\_\_.
- (a) optical mouse        (b) sensitive screen  
(c) touch pad            (d) tapped
6. Keyboard is \_\_\_\_\_.
- (a) Input device        (b) Output device  
(c) CPU                  (d) Storage

7. Which of these is correct?  
(a) 1 KB = 1024 Bytes (b) 1 MB = 2048 GB  
(c) 1 GB = 1024 Bytes (d) 1 KB = 100 Bytes
8. The two kinds of main memory are \_\_\_\_\_.  
(a) Primary and Secondary  
(b) Random and Sequential  
(c) RAM and ROM  
(d) All of these
9. Which one of the following error will be handled by the operating system?  
(a) Lack of paper in Printer  
(b) Connection failure in Network  
(c) Power failure  
(d) All of the mentioned
10. Access control in operating system is just another name for \_\_\_\_\_.  
(a) Data Manipulation  
(b) File Access  
(c) Compartmentalization of resources  
(d) Data and Resources access

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Write the characteristics of computer.

Or

- (b) Describe about fourth generation computer.

12. (a) Discuss about connection ports.

Or

- (b) Convert  $104_{10}$  and  $147_{10}$  to binary.

13. (a) Write short notes on Voice Recognition System.

Or

- (b) Clarify about Plotter.

14. (a) Explain about Magnetic Tape.

Or

- (b) Write short notes on computer memory.

15. (a) Determine about multiprogramming operating system.

Or

- (b) Explain about operating system.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Write about advantages and disadvantages of Computer.

Or

- (b) Denote the similarities and difference between human and computer.

17. (a) Elaborate the concept of CPU.

Or

- (b) Clarify about ASCII.

18. (a) Explain any four computer input devices.

Or

- (b) Write a note on Computer Output Devices.

19. (a) Explain the interaction between RAM, ROM and CPU.

Or

(b) Describe about Magnetic disk.

20. (a) Write and explain the types of operating system.

Or

(b) Discuss about Software Privacy.

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