

U.G. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2023.

Third Semester

Computer Application — Non Major Elective

INTRODUCTION TO COMPUTERS

(For those who joined in July 2021-2022 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

- The generation of Computer based on VLSI microprocessor is.
 - 1st
 - 2nd
 - 3rd
 - 4th

- _____ technology extracts electronically intended data from marked fields
 - OCR
 - OMR
 - MICR
 - none
- ROM is a _____ memory
 - volatile
 - erasable
 - non-volatile
 - all of the above
- Which is an item of storage medium in the form of circular plate?
 - disc
 - CPU
 - ALU
 - pen drive
- An _____ is a control program used to manage user programs, prevent errors, protect resources and resolve conflicts.
 - compiler
 - interpreter
 - system program
 - operating system

- EDSAC stands for _____
 - Electrical Delay Storage Automatic Calculator
 - Electronic Delay Storage Automatic Calculator
 - Electronic Delay Storage Automatic Computer
 - Electronic Digital Storage Automatic Calculator
- _____ Unit performs two kinds of operations arithmetic processing and logical processing
 - Central Processing Unit
 - Control unit
 - Arithmetic logic unit
 - Memory
- _____ is small circuit board that can hold a group of memory chips
 - Motherboard
 - Printer
 - Monitor
 - SVGA
- Which of the following is used to get the information or data from the user
 - keyboard
 - printer
 - monitor
 - speaker

- A _____ operating system is capable of supporting and utilizing more than one computer processor
 - multiprocessing
 - multi user
 - multitasking
 - multithreading

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

- Explain evolution of computers.

Or

 - Originate notes on characteristics of computers.
- Analyze how the CPU works.

Or

 - Write notes on the following :
 - system bus
 - cache memory.



13. (a) Clarify the types of keys available with the keyboard.

Or

(b) Enlighten the purpose of mouse with its basic operation.

14. (a) Discuss the characteristics and types of ROM.

Or

(b) Enumerate and explain optical disk characteristics.

15. (a) Describe on memory management.

Or

(b) Enumerate and explain optical disk characteristics.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Formulate the components of computer system with block representation.

Or

(b) Elucidate on classification of computers.

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17. (a) Describe the components inside your computer.

Or

(b) Convert (10110)₂ to decimal.

18. (a) Explain the usage and working of scanners.

Or

(b) Enlighten any two input devices.

19. (a) Outline the hard disk structure with its block representation.

Or

(b) Enumerate and explain types of secondary storage devices.

20. (a) Discuss the function of operating system.

Or

(b) Intricate on programming software.

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