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Reg. No. :

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B.Sc/B.C.A (CBCS) DEGREE EXAMINATION,
NOVEMBER 2010.

Third Semester

Computer Science – Main

Non Major Elective - INTRODUCTION TO
COMPUTERS

(For those who joined in July 2008 and afterwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. _____ is the part that transmits the data from one part of the computer to another.
- (a) Bus (b) CPU
(c) Hard disk (d) Peripherals

2. The first large scale computer ever developed is _____.

(a) IBM 701 (b) EDIVAC
(c) ENIAC (d) Mark II

3. The decimal equivalent of binary number 10100 is _____.

(a) 18 (b) 19
(c) 20 (d) 21

4. Number 84 in BCD is _____.

(a) 1000 0100 (b) 0100 0100
(c) 1000 1010 (d) 1000 1100

5. _____ is an impact printer.

(a) Daisy wheel (b) Dot - matrix
(c) Ink - jet (d) Laser.

6. _____ is a device that draws pictures on paper based on commands from a computer.

(a) Printer (b) Plotter
(c) Monitor (d) Synthesizer

7. _____ is a special type of memory that can be erased and reprogrammed.

- (a) PROM (b) EPROM
(c) Flash memory (d) ROM.

8. _____ is reusable disk storage device.

- (a) CD - ROM (b) CD - R Drive
(c) CD - RW disks (d) Worm

9. A _____ is a collection of programs that enable you to store, modify and extract information from a database.

- (a) DBMS (b) MS - Word
(c) Software (d) Excel.

10. The primary purpose of an operating system is — _____ of a computer system by operating it is efficient manner and minimize the human intervention.

- (a) To maximize the productivity
(b) To control the peripherals
(c) To keep track of files
(d) To send the output to the screen.

PART B — (5 × 5 = 25 marks)

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

11. (a) List out the characteristics of computer and discuss.

Or

(b) What are the different types of computers? Discuss.

12. (a) What are the functional units present within the processor? Discuss.

Or

(b) Convert the decimal number 24.125 into binary number system.

13. (a) Describe on speech input device.

Or

(b) State the use of plotter.

14. (a) Discuss in brief on ROM chip.

Or

(b) What are the components of memory hierarchy? Discuss

15. (a) What are categories of software? Discuss.

Or

- (b) Compare: Multitasking, Multi threading and Multi processing.

PART C — (5 × 8 = 40 marks)

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

16. (a) Discuss in detail about Evolution of computers.

Or

- (b) Write a brief note on Applications of computers.

17. (a) Briefly describe about hexadecimal conversions with example.

Or

- (b) Discuss about how the CPU works.

18. (a) Briefly discuss about the pointing devices.

Or

- (b) Briefly explain the input devices with neat sketch.

19. (a) Briefly discuss about Rom and its types.

Or

- (b) Describe in detail about the magnetic disk storage device and its types.

20. (a) Briefly discuss about the classification of operating systems.

Or

- (b) What are the application softwares? Explain each.
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