

Q.16 Define operating system. Explain briefly the need of operating system

Q.17 Give meaning of Port and Expansion slot.

Q.18 Give basic features of C++ language.

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. (1x10=10)

Q.19 Draw a block diagram to illustrate the basic organization of computer system.

Q.20 Discuss of use of computers in education and research in detail.

No. of Printed Pages : 4

Roll No.

189533

Level 4, 1st Sem. / DVOC (Graphics & Multimedia)

Subject : IT Foundation & Prog. Concepts

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Multiple choice questions. All questions are compulsory (5x1=5)

Q.1 What is the full form of CPU?

- a) Computer Processing Unit
- b) Computer Principle Unit
- c) Central Processing Unit
- d) Control Processing Unit

Q.2 Define Variable

Q.3 Scanner is an output device (T/F)

Q.4 The OCR stands for

- a) Outsized Character Reader
- b) Optical Character Reader

(40)

(4)

189533

(1)

189533

- c) Operational Character Reader
 - d) Only Character Reader
- Q.5 The OMR stands for
- a) Optical Mark Recognition
 - b) Optical Magnetic Reader
 - c) Only Mark Recognition
 - d) Optical Markup Recognition
- Q.6 The binary equivalent of the decimal number 10 is _____
- a) 0010 b) 10
 - c) 1010 d) 010
- Q.7 Which of the following is not a binary number?
- a) 1111 b) 101
 - c) 11E d) 000
- Q.8 The resolution of a monitor is measured in
- a) Megabits
 - b) Hz
 - c) Dots per inch (DPI)
 - d) Inches (diagonal)

(2)

189533

- Q.9 BIOS stands for:
- a) Basic Input Output System
 - b) Basic Instruction Output System
 - c) Basic Interface Output System
 - d) All of these
- Q.10 Who invented C++
- a) Dennis Ritchie b) Ken Thompson
 - c) Brian Kernighan d) Bjarne Stroustrup

SECTION-B

Note: Short answer type questions. Attempt any six questions out of eight questions. (6x5=30)

- Q.11 Explain any two input and output devices.
- Q.12 Give difference between RAM and Cache memory.
- Q.13 Write method of decimal to Binary Conversion with example.
- Q.14 Define cloud computing and its applications.
- Q.15 Give the meaning of Programming Language. Why programming Language is needed?

(3)

189533