

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

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Q.17 Give meaning of Port and Expansion slot.

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

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

Subject : IT Foundation & Prog. Concepts

Time : 2 Hrs.

M.M. : 50

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.

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

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- 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)

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?