

SECTION-C

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

Q.19 Explain briefly the following terms:-

- a) Operating System b) Cloud computing
- c) OOPS e) Cache Memory

Q.20 How does computer help in education and research processes.

No. of Printed Pages : 4

189533

Roll No.

Level 4 / 1st. Sem. / DVOC

Graphics & Multimedia

Subject : IT Foundations & Programming Concept

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are compulsory (10x1=10)

Q.1 What is smallest unit of the information?

- a) bit b) byte
- c) block d) nibble

Q.2 What is the decimal equivalent of the binary number 10111

- a) 21 b) 39
- c) 42 d) 23

Q.3 Which of the following is equal to a gigabyte?

- a) 1024 bytes b) 512 GB
- c) 1024 megabytes d) 1025 bits

Q.4 What is the full form of DRAM?

- a) Dynamic Remote Access Memory
- b) Dynamic Random-Access Memory

- c) Dependent Remote Access Memory
- d) Dependent Random-Access Memory

Q.5 When arithmetic, logic and control unit of a computer are combined into a single unit, it is known as

- a) central processing unit
- b) memory unit
- c) I/O unit
- d) None of all

Q.6 Keyboard is an output device (true/false)

Q.7 Give full form of USB

Q.8 Windows is

- a) Application software
- b) System software
- c) Hardware
- d) High level language

Q.9 Define Anti-Virus.

Q.10 The maximum value of a single digit in an Decimal number system is

- a) 7 b) 8
- c) 9 d) 6

SECTION-B

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

Q.11 Explain various components of counter system.

Q.12 Explain various input and output devices.

Q.13 Give difference between Primary memory and Secondary memory.

Q.14 Write five basic operations performed by the computer.

Q.15 Distinguish between system software and application software.

Q.16 Discuss various features of C++ Language.

Q.17 Explain various functions of Operating System.

Q.18 Write a short note on

1. Bluetooth Technology
2. Utility programs