Q.15 Define Input Devices. Briefly explain any five types of Input Devices.

Q.16 Briefly discuss various stages in a Program Development.

Q.17 Discuss six features of any Presentation Software.

Q.18 What do you mean by a Programming Language? What type of software's are required to convert a high-level language to low level language?

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. (10x1=10)

Q.19 Define Computer System. Explain various categories of computer system.

Q.20 Write a Short note on Following (Any Two):

a) Two GUIs (Windows and Linux)

b) Single User and Multi User Operating System

c) Any two types of Internet Connections

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DVOC (Level - 5) Sem.1st (Software Development) Subject : IT Foundations & Programming Concepts

Time : 2 Hrs. M.M. : 50

SECTION-A

Note: Very short answer questions. Attempt all ten questions. (10x1=10)

Q.1 ENIAC was the first general-purpose electronic computer. ENIAC stands for

a) Electronic Network Interactive Analytic Computer

b) Electronic Numerical Integrator and Computer

c) Electronic Network Integrated Analytical Computer

d) Electronic Numerical Integrated Automatic Computer

Q.2 Which of the following is not a valid domain name?

a) www.yahoo.com b) www.yahoo.co.uk

c) www.com.yahoo d) www.yahoo.co.in

Q.3 Which of the following storage devices can store maximum amount of data?

a) Floppy Disk b) Hard Disk

c) Compact Disk d) Magneto Optical Disk

Q.4 _____maintains power to the connected devices of a computer when power gets disconnected.

a) Central Processing Unit (CPU)
b) Monitor
c) IC Chips
d) UPS

Q.5 The right full form of URL is_____.

a) Uniform Receiver Location
b) Unified Resource Locator
c) Uniform Resource Locator
d) None of the above

Q.6 MS-Word is an example of_____.

a) An operating system b) A processing device
c) Application software d) An input device

Q.7 _____symbol used to connect relationships between the shapes in a flowchart.

a) Connector b) Terminal Box
c) Input/Output d) Process

Q.8 What is a compiler?

a) system program that converts instructions to machine language
b) system program that converts machine language to high-level language
c) system program that writes instructions to perform
d) None of the mentioned

Q.9 An algorithm is best described as

a) a branch of mathematics
b) a step-by-step procedure for solving a problem
c) a computer language.
d) all of the above

Q.10 Coupling and Cohesion are the terms used in which of the following:

a) Machine Engineering
b) Software Engineering
c) Application Programming
d) None of the Above

SECTION-B

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

Q.11 Using a neat and clean diagram show the basic architecture of a Computer System.

Q.12 Define Compiler and Interpreter. Give five differences between Compiler and Interpreter.

Q.13 Define a Website, Web Browser, WWW and Internet. Give at least three examples of web browsers and Search Engines each.

Q.14 Differentiate between flowchart and an algorithm (At least Six).