SECTION-D

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

Q.19   What is Operating System & why operating system is known as Resource Manager?

Q.20   Write a short note on

    a)   Assembler   b)   Process Management

    c)   Antivirus

1st Sem, Level 5 / DVOC (Software Development)

Subject : Operating System (OS)

Time : 2 Hrs.   M.M. : 50

SECTION-A

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

Q.1   What is an operating system?

    a)   Interface between the hardware and application programs

    b)   Collection of programs that manages hardware resources

    c)   System service provider to the application programs

    d)   All of the mentioned

Q.2   In real time operating system_____

    a)   Process scheduling can be done only once

    b)   All processes have the same priority

    c)   Kernel is not required

    d)   A task must be serviced by its deadline period

Q.3   Functions of Operating System are

a)   Process Management

b)   Memory Management

c)   I/O device management

d)   All of the mentioned

Q.4   _____ converts the programs written in assembly language into machine instructions

a)   Machine compiler   b)   Interpreter

c)   Assembler   d)   Converter

Q.5   A computer_____ is a malicious code which self-replicates by copying itself to other programs.

a)   Program   b)   Virus

c)   Application   d)   Worm

SECTION-B

Note: Objective type questions. All questions are compulsory.   (5x1=5)

Q.6   Write the name of any two commonly used operating system?

Q.7   Define the term GUI?

Q.8   Expand the term BOSS?

Q.9   What is the Disk Defragmenter?

Q.10   What is the need of an operating system?

SECTION-C

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

Q.11   Differentiate between compiler and interpreters?

Q.12   Differentiate between Windows & UNIX operating System?

Q.13   What are the various functions of operating system?

Q.14   Write a short note on Distributed operating System?

Q.15   Write a short note on Android?

Q.16   What do you mean by Interface? Differentiate between CLI & GUI Interface.

Q.17   Define the term Utility Software.

Q.18   What are the features of Linux Operating System.