

Term End Examination - June, 2018
Diploma/ Post Graduate Diploma in Cyber Security
DCS-01/CSP-010: Operating System Basics

Time - 3 Hours

Full Mark - 100

(Answer all questions form Group-A , any four questions from Group -'B', any four questions from Group -'C' and any two questions from Group -'D')

Group 'A'

Mark: 1 × 10 = 10

Q.No. 1 Choose the correct answer. Answer all the questions.

- i. IDE Stands for _____
 - a. Indirect Disk Essential.
 - b. Integrated Drive Electronics.
 - c. In-chip Device Extension.
 - d. Illustrative Data Eraser.

- ii. Select the full form of SCSI _____
 - a. Social Computer System Interconnect.
 - b. Simple Computing Social Interconnection.
 - c. Small Computer System Interface.
 - d. Small Command System Interface.

- iii. What is operating system?
 - a. Collection of programs that manages hardware resources.
 - b. System service provider to the application programs.
 - c. Link to interface the hardware and application programs.
 - d. All of the mentioned

- iv. Which one of the following is not true?
 - a. Kernel is the program that constitutes the central core of the operating system.
 - b. Kernel is the first part of operating system to load into memory during booting.
 - c. Kernel is made of various modules which cannot be loaded in running operating system.
 - d. Kernel remains in the memory during the entire computer session.

- v. Which one of the following error will be handle by the operating system?
 - a. Power failure
 - b. Lack of paper in printer
 - c. Connection failure in the network
 - d. All of the mentioned

- vi. Which is the core of the operating system?
 - a. Shell
 - b. Kernel
 - c. Commands
 - d. Script

- vii. Which among the following interacts directly with system hardware?
 a. Shell b. Commands c. Kernel d. Applications
- viii. Unix is which kind of Operating System?
 a. Multi User b. Multi Processes c. Multi-Tasking d. All of the mentioned
- ix. Solaris is the name of a flavor of UNIX from
 a. HP b. IBM c. Digital Equipment Corp d. Sun Microsystems
- x. Identify false statement
 a. You can find deleted files in recycle bin
 b. You can restore any files in recycle bin if you ever need
 c. You can increase free space of disk by sending files in recycle bin
 d. You can right click and choose Empty Recycle Bin to clean it at once

Group 'B'

Mark: 5 × 4= 20

Q. No. 2 (Answer any four questions each within 50 words)

- a) Give a concise introduction about Operating System.
- b) Write something about Desktop?
- c) What do you mean by DOS?
- d) Define Workgroup in Windows?
- e) What is Shell in Linux?
- f) What do you mean by Mass Storage Device?

Group 'C'

Mark: 10 × 4= 40

Q. No. 3 (Answer any four questions each within 200 words)

- a) Write something about Menu Bar and Title Bar.
- b) Write about Unix.
- c) Write notes on devices & drivers used in Linux.
- d) Discuss what are the various flavors of Windows?
- e) Write about Partition and Formatting.
- f) Give notes on RAM.

Group 'D'

Mark: 15 × 2= 30

Q. No.4 (Answer any two questions each within 250 words)

- a) Write and discuss about Control Panel in Windows?
- b) Write down the steps & process of Formatting and loading Operating System.
- c) With example discuss how SSH & X-Forwarding works.
- d) Write and discuss about IIS configuration and its Installation clearly?
