

( 4 )

- (b) Write and discuss the detail steps of installing software with YUM, and RPM.
- (c) Differentiate between Windows and Linux with their features, advantages and disadvantages.

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Total No. of Questions : 4]

[Total No. of Printed Pages : 4

Course Code <b>CSP – 10</b>
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**Term End Examination – December, 2019**

OPERATING SYSTEM BASICS

Master of Science (Cyber Security) (MSCS)  
Post Graduate Diploma in Cyber Security  
(PGDCS)

Advance Diploma in Cyber Security (ADCS)

Time : 3 hours

Full Marks : 100

*The figures in the right-hand margin indicate marks*

Answer **all** Groups as directed

Group—A

1. Answer *all* questions, each within 1 or 2 sentences : 1×10=10
- (a) Software is of two types. What are those?
- (b) What does IIS Stand for?
- (c) Name any two System Softwares.
- (d) What do GUI and CUI stand for?
- (e) ——— operating systems are those systems that respond instantaneously to the input.

( 2 )

- (f) Name latest version of Windows OS.
- (g) Who developed Linux Operating System?
- (h) Windows is an Open Source Software. True/False.
- (i) Name a text editor used in Linux.
- (j) Write the Linux command to create a new user.

Group—B

2. Answer *any four* questions each within 100 words : 5×4=20
- (a) What is command-line interface?
  - (b) Write the components of Linux.
  - (c) Write a brief note on file permission in Linux.
  - (d) Write down the steps, how the users can be managed in Windows.
  - (e) What is the GUI?
  - (f) Show the steps for copy a file from one directory to the other.

( 3 )

Group—C

3. Answer *any four* questions each within 200 words : 10×4=40
- (a) What is Linux? What are the various versions of Linux? Write the advantages of Linux.
  - (b) Write down the roles and responsibilities of an operating system administrator.
  - (c) Discuss Domain, Workgroup and Active Directory in Windows System.
  - (d) Write down the process of managing compressed archives with zip and tar.
  - (e) What is Yast? Discuss the practical installation process of Yast.
  - (f) Write and show the way of formatting a hard disk and installing operating system.

Group—D

4. Answer *any two* questions each within 300 words : 15×2=30
- (a) Write and show the practical steps of syntax execution for any ten commands in Linux.