

M-93/2110

OPERATING SYSTEMS -102

SEMESTER- I, (Dec. 2019)

TIME ALLOWED 3 Hrs

MM 70

NOTE: The candidates are required to attempt two questions each from Section A & B Section C will be compulsory.

Section A

1. Explain briefly any four scheduling algorithms with examples. 10
2. What do you mean by a process? Distinguish between preemptive and non preemptive scheduling. Explain each type with an example. 10
3. Discuss in detail the various services provided by the OS? 10
4. Describe the four necessary conditions for deadlocks to occur. 10

Section B

5. Write the names of any four WINDOWS Accessories and give their uses. 10
6. What do you understand by Files and Directories? How will you share the files and folder with other computer on the LAN. 10
7. How to install Linux? What are different types of installation media? Explain 10
8. How will you perform following in linux:
 - a) Change password of user
 - b) Change date of system
 - c) Delete a folder and all its sub folders and files.
 - d) Change the ownership of file. 10

Section C

Q9.

- a) What is multitasking
- b) Differentiate between distributed system and real time system
- c) What is batch processing
- d) What is deadlock
- e) Define the term time slice.
- f) What are the various Linux distributions?
- g) Discuss the ways of moving files and folders in windows.
- h) Write down the steps to add drivers for a new hardware.
- i) What is a taskbar?
- j) What are profile files in linux? 3 X 10=30