GA/96/20

# Online Assignment, 2020

**B.C.A. Part –II (New Course)**

BCA-205

Paper –V

**(Operating System with Linux)**

Time : 3 Hours]                                                    [ Max. M. : 80

**Note:** Attempt any one part from each question. All question carry equal marks.

1. (a) Discuss the history and evolution of operating system.

   (b) Describe the multiprogramming operating system.

2. (a) Draw the process state transition diagram and explain it.

   (b) Explain the types of schedulers context switching and dispatcher.

3. (a) Discuss the preliminaries of memory management.

   (b) Explain the paging.

4. (a) Write feature and benefits of Unix.

   (b) Explain the following Unix commands with syntax and example :

   (i) who, (ii) rm, (iii) ls, (iv) chmod, (v) grep.

5. (a) Discuss the feature of shell.

   (b) Write the shell program for print the file name and total numbers of file available in current path.

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