

# PC-7796/N

**N-21/2110**

**OPERATING SYSTEMS**

Paper – PGDCA-102

(Semester-I)

Time : Three Hours]

[Maximum Marks : 70

**Note :** Attempt *two* questions each from Section A and B.  
Section C will be compulsory.

## **SECTION – A**

- I. What are the services provided by operating system? (10)
- II. Write note on networking operating system and multiprocessor operating system. (10)
- III. Explain process scheduling and different types of schedulers. (10)
- IV. What is round-robin scheduling? Explain with example. (10)

## **SECTION – B**

- V. Explain the functions of MS-Windows. (10)

VI. Write steps to create, and move folder in Windows operating system. (10)

VII. Explain the architecture of LINUX. (10)

VIII. Write the features of LINUX operating system. (10)

### SECTION – C

IX. (a) Define operating system.

(b) Write note on time sharing system.

(c) What is swapping?

(d) What is long term scheduler?

(e) What is deadlock?

(f) What is desktop in windows?

(g) What is control panel in windows?

(h) What is the use of notepad?

(i) What is difference between chmod and chown?

(j) Name various flavours of LINUX. (10×3=30)

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