

KRISHNA KANTA HANDIQUI STATE OPEN UNIVERSITY  
MCA/MScIT/PGDCA 1<sup>st</sup> Semester Examination, 2015  
**MCA(S1)01/MScIT(S1)01/PGDCA(S1)01**  
**Computer Fundamental & PC Software**

Time: 2 hours

Maximum marks: 50

The figures in the margin indicate full marks for the questions

- 1 *Answer any three questions from the following:* 2×3=6
- a What is the function of I/O devices in computer system?
  - b Which memory is known as the main memory of a computer system? Write the full form of PROM.
  - c What do you mean by single tasking operating system and multitasking operating system?
  - d What is shell in Linux Operating System?
- 2 *Answer any four questions from the following:* 4×4=16
- a Explain briefly the functions of operating systems.
  - b Write the function of the following command-
    - (i) grep
    - (ii) ps
    - (iii) who
    - (iv) rmdir
  - c Write the short notes on the following :
    - (i) Address Bus
    - (ii) File Allocation Table (FAT)
  - d Write the difference between Linux Operating System and Windows Operating System.
  - e What are the main components of a Linux kernel? Explain briefly.

- 3 *Answer any two questions from the following:* 6×2=12
- a What are the commonly used Linux text editors? Discuss any three of them giving their features and usage.
  - b Explain the structure of Linux File System.
  - c Can every user in a Linux system access all the directories? Explain any five file and directory commands.
- 4 *Answer any two questions from the following:* 8×2=16
- a How do you create table in MS Word? Explain the steps to insert columns and rows.
  - b Explain Real time and distributed operating system.
  - c How directories are created and managed in MS DOS and Linux. Briefly explain.