

**U.G. 3rd Semester Examination - 2021**

**COMPUTER SCIENCE**

**[PROGRAMME]**

**Skill Enhancement Course (SEC)**

**Course Code : COM.SC-G-SEC-P-301**

**(System Administration and Maintenance)**

**[PRACTICAL]**

Full Marks : 50

Time : 4 Hours

**Distribution of Marks:**

**Class Attendance cum Internal Assessment: 10 Marks**

**Semester End Practical : 40 Marks**

**(Experiment : 30, Viva : 10)**

**Answer any one question from each group to be allotted on lottery basis. Each questions of Group-A and Group-B carries 15 marks.**

15×2=30

**GROUP-A**

1. Write a procedure to Logon and Logoff to linux in both text mode and graphical mode.
2. Write a syntax and usage the directory management commands with all options.
3. Demonstrate the usages of commands *ls*, *touch*, and *mv*.
4. Demonstrate the usages of command *date*, *cal* and *cat*.

[Turn over]

5. Using unix commands:
  - a) Create a directory named *first*
  - b) Create some text files inside the directory *first*
  - c) Create two directories *sub.1* and *sub2* inside the directory
  - d) Create two files separately in both *sub1* and *sub2* directories
  - e) Remove one file from *sub1* directory
  - f) List all directories only
6. Using unix commands:
  - a) Create a directory
  - b) Create 20 text files inside the directory
  - c) List all files whose name are ending with 'a' and sort them

**GROUP-B**

1. Install any pdf reader application from internet.
2. Install a hard drive in a machine.
3. Install antivirus to a machine.
4. Install scanner in a computer.
5. Upgrade RAM of a computer.
6. Install dual operating system in a computer.
7. Change the IP address of a windows machine.
8. Install one printer using control panel and then remove it.