UBITT302 - Paper-II : Operating System & Linux

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Notes :
1. All questions are compulsory and carry equal marks.
2. Draw neat and labeled diagram wherever necessary.
3. Avoid vague answers and write specific answer relevant to question only.

Either:

1. a) Explain the functions of operating system. **4**

   b) What is the sharing operating system? **4**

   OR

   c) Explain with suitable example what I/O interrupts are? **4**

   d) Write note on. **4**
      i) Register ii) Cache memory.

   Either:

2. a) What are the major activities of an operating system with regard to process management. **4**

   b) Explain process List various operations on process. **4**

   OR

   c) Give an overview of secondary memory management. **4**

   d) Explain: **4**
      i) Simple structure. ii) Layered structure.

   Either:

3. a) Write a note on Vi-editor. **4**

   b) Explain following commands **4**
      i) mkdir ii) rmdir

   OR

   c) Write a note on system administration. **4**

   d) Explain directory structure of Linux. **4**

   Either:

4. a) Explain following filters. **4**
      i) grep ii) egrep

   b) Describe any two methods in Linux to change access permission. **4**

   OR

   c) Explain the concept of shell parameters. **4**

   d) What in shell variable? Explain types of variables. **4**

5. Solve all the questions.

   a) Differentiate between primary and secondary storage. **2**

   b) Discuss the system call related to file management with any two attribute. **2**

   c) Write the rules for naming in Linux operating system. **2**

   d) Write a shell script to perform addition of two number. **2**

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