

P3-Paper-III : Introduction to Operating System

P. Pages : 2

Time : Three Hours



GUG/S/18/3058

Max. Marks : 80

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram and use supporting data wherever necessary.
 3. Avoid vague answer and write specific answer related to Questions.

Either:

1. a) Write a detail note on Real Time System. Also list and explain its advantages. **8**
b) What is operating system? Explain its types. **8**

OR

- c) Explain in detail multiprocessing and multiprogramming. **8**
d) Differentiate between parallel and distributed system. **8**
Also list and explain an application area where distributed system is used.

Either:

2. a) What is booting? Explain Differentiate between Warm and Cold booting **8**
b) Explain any four Directory commands with syntax, purpose and suitable examples. **8**

OR

- c) Explain in detail about autoexe and config file. **8**
d) Explain any four DOS commands with suitable example. **8**

Either:

3. a) Explain the structure of Linux operating system with figure. **8**
b) Discuss the rules for Naming files and Directories. **8**

OR

- c) Explain C-Shells and Vieditor in detail. **8**
d) Illustrate the Directory structure with example. **8**

Either:

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| 4. | a) | Write a detail note on shell script with example. | 8 |
| | b) | Discuss shell parameter in detail. | 8 |

OR

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|-----------|----|---|----------|
| | c) | Write a short note on egrep And chgrp. | 8 |
| | d) | What are the control flow statements used in shell script? Explain. | 8 |
| 5. | | Solve all the questions. | |
| | a) | What do you mean by off-line processing. | 4 |
| | b) | Write a note on general command with example. | 4 |
| | c) | Explain mkdir and rmdir with syntax and example in Linux | 4 |
| | d) | Write a note on shell script variable. | 4 |
