

P.G.D.C.C.A(with Credits)-Regular-2012-13 & Onwards P.G.D.C.C.A
P3 - Paper-III : Introduction to Operating System

P. Pages : 2

Time : Three Hours



GUG/W/16/3058

Max. Marks : 80

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and clean diagrams wherever necessary.
 3. Avoid vague answers and write answers relevant and specific to questions only.

Either

1. a) Write a detail note on Real time system. **8**
b) Explain following : - **8**
 - i) Distributed system.
 - ii) Parallel system.

OR

- c) What is operating system? Explain its functions. **8**
- d) Explain multiprocessing system in detail. **8**

Either

2. a) Explain Autoexe and config files in detail. **8**
b) Discuss the Directory structure of DOS. **8**

OR

- c) Explain following commands with syntax and example. **8**
 - i) Xcopy
 - ii) Attrib
 - iii) Copy
 - iv) Del.
- d) Write a detail note on General commands of DOS. **8**

Either

3. a) What is vi editor? Explain different modes available in vi editor. **8**
b) Explain following command with syntax and example. **8**
 - i) ℓ n
 - ii) Pwd
 - iii) Cat
 - iv) More

OR

- c) Write a detail note on shell. 8
- d) Discuss the Directory structure of Linux operating system. 8

Either

- 4. a) What are permission mode? Explain. 8
- b) Discuss shell script in detail. 8

OR

- c) What do you mean by pipe and filter. Explain grep filter in detail. 8
- d) Write a shell script to perform various arithmetic operations. 8

5. Solve all the questions.

- a) Write a note on memory management. 4
- b) Explain file types in Disk operating system. 4
- c) Give the applications of Linux operating system. 4
- d) Explain PS and Kill command with syntax and example. 4
