

B.C.C.A.- I CBCS Pattern Semester-II  
**UBCCAT203 - Paper-III : Introduction to Operating System**

P. Pages : 2

Time : Three Hours



**GUG/S/24/10621**

Max. Marks : 40

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

**Either:**

1. a) What is operating system? Explain different types of operating system. 4
- b) What is Multiprogramming? Explain Time Sharing System in details. 4

**OR**

- c) What is Batch processing system? List any two advantages and disadvantages of it. 4
- d) Define operating system. What are the main purposes of an operating system? 4

**Either:**

2. a) What do you mean by DOS? Explain important file types in details. 4
- b) Explain any four types of dos commands with example. 4

**OR**

- c) Explain wildcard with example. 4
- d) Explain the following commands- 4
  - i) DATE ii) RENAME
  - iii) TIME iv) VER

**Either:**

3. a) What is a Windows? List the various features of windows. 4
- b) Enlist the various features supported by Calculator. 4

**OR**

- c) Explain the system information in GUI in detail. 4
- d) Explain the following- 4
  - i) Desktop
  - ii) Taskbar
  - iii) Windows Explorer

**Either:**

4. a) What is Unix operating system? Explain the file structure in UNIX. 4
- b) Explain the file permission in UNIX. 4

**OR**

- c) What is shell? Explain different types of shell. 4
- d) Explain physical file structure of UNIX. 4
5. Solve all questions.
- i) Write a short note on Real Time Operating System. 2
- ii) Explain the term- 2
- i) Md ii) Rd
- iii) Write a short note on Single User Multiple Task. 2
- iv) Explain the term 2
- i) Mv ii) rm

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