

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

P. Pages : 2

Time : Three Hours



**GUG/W/24/10621**

Max. Marks : 40

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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) Define operating system? What are the main function of an operating system. 4
- b) Discuss the multiprogramming system and state any three advantages. 4

**OR**

- c) What is simple Batch processing? Explain Real time operating system in detail. 4
- d) Explain different types of operating system. 4

**Either:**

2. a) What do you mean by DOS? Explain general command in detail. 4
- b) Explain any five directory commands with suitable example. 4

**OR**

- c) What is Booting? Explain different methods of booting in detail. 4
- d) Difference between MS-DOS and window operating system. 4

**Either:**

3. a) Explain Window? List the various function of window. 4
- b) Explain the purpose of following menus- 4
  - i) Start menu
  - ii) Program menu
  - iii) Document menu
  - iv) Setting menu

**OR**

- c) What do you mean by Accessories? List the various accessories supplied by windows. 4
- d) Explain single user multitasking operating system in detail. 4

**Either:**

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|-----------|----|--|----------|
| <b>4.</b> | a) | Describe the Architecture of Unix-OS with suitable Illustration. | <b>4</b> |
|           | b) | Define shell. Write types of shell.                              | <b>4</b> |

**OR**

- |           |    |  |          |
|-----------|----|--|----------|
|           | c) | List the Directory command supported by UNIX. Explain any two of them. | <b>4</b> |
|           | d) | What is file UNIX Commands? Categorize the UNIX commands.              | <b>4</b> |
| <b>5.</b> |    | Solve all the questions.   |          |
|           | a) | Write a note on on-line and off-line processing.                       | <b>2</b> |
|           | b) | Write short on wild card.  | <b>2</b> |
|           | c) | Write short note on Notepad Application.                               | <b>2</b> |
|           | d) | Write short notes on-  | <b>2</b> |
|           | a) | cat  |          |
|           | b) | cp   |          |

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