

CHAPTER – 4 - THEORETICAL CONCEPTS OF OPERATING SYSTEM**I. Answer in brief (2 marks)**

1. What are the advantages of memory management in Operating System?
2. What is the multi-user Operating system?
3. What is a GUI?
4. List out different distributions of Linux operating system.
5. What are the security management features available in Operating System?
6. What is multi-processing?
7. What are the different Operating Systems used in computer?

II. Answer in a brief (3 marks)

1. What are the advantages and disadvantages of Time-sharing features?
2. Explain and List out examples of mobile operating system.
3. What are the differences between Windows and Linux Operating system?
4. Explain the process management algorithms in Operating System.

III. Answer in a paragraph (5 marks)

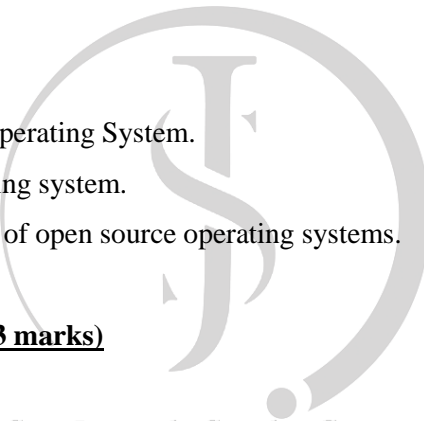
1. Explain the concept of a Distributed Operating System.
2. Explain the main purpose of an operating system.
3. Explain advantages and disadvantages of open source operating systems.

IV. Additional Questions (2 marks and 3 marks)

1. Explain software and its types.
2. What are the types of operating system?
3. What is fault tolerance?
4. What are the activities for which operating system is responsible in connection with memory management?
5. Explain the reason why multi – tasking is needed in an operating system.

V. Additional Questions (5 marks)

1. Explain file management.



St. Joseph Study Centre
Puducherry, Ph. No.: 9042247637