

Bharati Vidyapeeth
(Deemed to be University), Pune
School of Distance Education

Assignment No.: 1

Course:	MCA	Class:	MCA I	Semester:	II
----------------	-----	---------------	-------	------------------	----

Subject:	Operating System
-----------------	------------------

Q.1) Attempt ANY ONE of the Following (1000 Words) (10)

- a) What is Operating System? Explain functions of Operating System.
- b) What are Process Concepts? Explain Process Scheduling Algorithms in brief.

Q.2) Attempt ANY TWO of the Following (800 Words) (12)

- a) What are Memory Management Schemes? Explain Paging in brief.
- b) What is concept of Inter processing Communication? Explain its need in short.
- c) What are the conditions of Deadlock? How to avoid dead lock.
- d) What are types of file? How to secure files from unauthorized users.

Q.3) Write Short Notes on (ANY TWO) (08)

- a) Bankers Algorithm
- b) Input Output Devices
- c) DMA
- d) Unix Operating System
