



Institute: (0301)SYMBIOSIS INSTITUTE OF COMPUTER STUDIES & RESEARCH, PUNE
Programme: (030122) BACHELOR OF BUSINESS ADMINISTRATION (INFORMATION TECHNOLOGY)
Batch: 2014-17,2015-18,2016-19,2017-20
Semester: I
Course: Introduction to Operating System
Course Code: 0301220107

Date: 16/04/2018

Maximum Marks: 30

Day: Monday

Time: 09:30 am - 10:30 am

Q1. Answer the following (Select any Four)

[4 x 5 = 20 Marks]

1. What is operating system? Explain types of operating system.
2. Discuss Clustered and Distributed system.
3. Explain Architecture of Operating system.
4. Explain FCFS and SJF CPU scheduling algorithms with example.
5. What is Thread? Discuss multi-threading models.
6. List out the Linux commands related with process and examples.
7. What is Linux kernel? Explain Linux common commands.

Q2. Define the following terms

[5 x 1 = 5 Marks]

1. Kernel mode
2. Shell
3. \$ cd
4. \$ more
5. \$ cmp

Q3. Write a Short note on the following (Select any One)

[1 x 5 = 5 Marks]

1. File sharing
2. Process states
