

V.P. & R.P.T.P. Science College
S. Y. B.Sc. Examination Semester – IV Internal Test

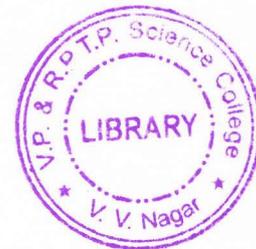
US04CCSC02: Operating System
Date: ¹²13/03/2015 Time: 10:30 AM to 12:00 Noon Max. Marks: 25

Que. 1 MCQ (3)

1. Time-sharing system also known as _____.
(a) Real-time (b) Multi-tasking (c) Multi-user (d) none of these
2. A newly created process resides in _____ queue.
(a) Job (b) Ready (c) Running (d) Waiting
3. _____ page replacement algorithm will swap a page that will not be used for longer period of time.
(a) FIFO (b) Optimal (c) LRU (d) None of these

Que. 2 Short Questions (Any two) (4)

1. Define Operating system.
2. What is process? List out all process States.
3. Explain Virtual memory in short.



Que. 3 Which are the functions performed by Operating System? (6)

OR

Que. 3 List out various types of OS. Explain Real Time Operating System. (6)

Que. 4 Explain Priority scheduling algorithm in brief. (6)

OR

Que. 4 Describe FCFS scheduling with advantages and disadvantages. (6)

Que. 5 Explain FIFO page replacement algorithm with advantages and disadvantages. (6)

OR

Que. 5 Explain Swapping of two processes with suitable example. (6)

ALL THE BEST