

January 2020
Post Graduate Diploma in Computer Applications (PGDCA) Examination

Ist Semester
OPERATING SYSTEM

Time 3 Hours]

[Max. Marks 100

Note : Attempt any two parts from each question. All questions carry equal marks. All parts of a question carry equal marks.

1. (a) Discuss and differentiate batch processing and multiprogramming with an example.
(b) What are the activities of an operating system ?
(c) Explain process life cycle ?
2. (a) Differentiate pre-emptive and non-pre-emptive scheduling algorithms.
(b) When do deadlock occur ? Explain its various removal methods.
(c) What is priority scheduling ? Give an example.
3. (a) What is demand paging ? How it is implemented ?
(b) What are various file allocation methods ? Explain.
(c) What is free-space management ? Discuss its method of handling ?
4. (a) Explain booting process. Also discuss bootable files.
(b) Illustrate following internal DOS commands :
TYPE, REN, MD, PATH and COPY.
(c) Illustrate following external DOS commands :
DISK COMP, X COPY, TREE, SORT and APPEND.
5. (a) What are various flavours of linux operating system ? Explain.
(b) What is Shell ? Explain various types of shells.
(c) Illustrate following linux commands :
chgrp, chmod, mkdir, kill, mv.

http://www.davvonline.com

Whatsapp @ 9300930012

Your old paper & get 10/-

पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से

http://www.davvonline.com