

No. of Printed Pages : 4
Roll No.

220831

3rd Sem / Computer, Comp. (For Speech & Hearing Impaired)

Subject:- Operating system

Time : 3Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 OS stands for _____?

- a) Operating system b) Operating Services
- c) Open system d) Open services

Q.2 Which of the following is the address generated by CPU?

- a) Physical address b) Logical address
- c) Absolute address d) None of the above

Q.3 Which of the following is an Operating system?

- a) Google chrome b) Firefox
- c) Windows 10 d) None of the above

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Q.4 Which of the following is not the process state?

- a) New b) Running
- c) Suspended d) Old

Q.5 DOS is a _____

- a) Single user operating system
- b) Multiuser operating system
- c) Multitasking operating system
- d) None of these

Q.6 Printer is an _____

- a) Input device b) Output device
- c) Processor d) None of these

SECTION-B

Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Who developed LINUX?

Q.8 Define operating system.

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Q.9 Name any two input devices.

Q.10 FCFS stands for _____

Q.11 Define GUI.

Q.12 Expand PCB.

Q.20 Explain paging.

Q.21 Write short note on

a) Fragmentation b) Scheduler

Q.22 What are the necessary conditions for deadlock?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Explain the various services provided by operating system.

Q.14 What do you understand by PCB? Explain

Q.15 Differentiate between single user and multiuser operating system.

Q.16 Define system call and its types.

Q.17 Explain the concept of swapping in memory.

Q.18 List different types of file system.

Q.19 Differentiate between physical address and logical address.

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SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Explain process and its different states with the help of diagram.

Q.24 What is operating system? Explain its types.

Q.25 Write short note on the following scheduling algorithms:

a) FCFS b) Round Robin

c) Shortest Job First

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