

M.M: 10 Marks

Time: 10 Minutes

Roll no: _____

Note: NO negative marking. More than one options could be correct. Marks will be awarded only if there is an exact match.

1. To access the services of an operating system, the interface is provided by the _____
a) system calls **b)** APIs **c)** system libraries **d)** kernel mode
2. The systems which allow only one process execution at a time, are called _____
a) uniprogramming systems **b)** uniprocessing systems **c)** unitasking systems **d)** all of the mentioned
3. In operating system, each process has its own _____
X) address space, global variables, open files Y) accounting information Z) pending alarms, signals, signal handlers
a) only X **b)** only Y **c)** only X and Y **d)** all X, Y and Z
4. The state of a process is defined by _____
a) the final activity of the process **b)** the activity just executed by the process **c)** the activity to next be executed by the process **d)** the current activity of the process
5. In a timeshared operating system, when the time slot assigned to a process is completed, the process switches from the current state to? **a)** Suspended state **b)** Terminated state **c)** Ready state **d)** Blocked state
6. The portion of the process scheduler in an operating system that dispatches processes is concerned with _____
a) assigning ready processes to CPU **b)** assigning ready processes to waiting queue **c)** assigning running processes to blocked queue **d)** all of the mentioned
7. If a process fails, most operating system write the error information to _____
a) event files **b)** PCB **c)** log files **d)** any of the **a), b)** or **c)** available
8. Which of the following services of an operating system is/are not useful to the user?
a) Program execution **b)** Resource allocation **c)** Error detection **d)** Communications
9. Which of the following is not a type of kernel?
a) Macrokernel **b)** Microkernel **c)** Nanokernel **d)** Hybrid kernel
10. What is Scheduling? X) allowing a job to use the processor Y) making efficient use of processor
a) only X **b)** only Y **c)** both X and Y **d)** either X or Y