Model Question paper for online examination

T.Y.B.Sc.CS PAPER-3 Operating Systems and Linux

1) In UNIX, Which system call creates the new process?
   a) Fork
   b) Create
   c) New
   d) None of the mentioned

2) A process can be terminated due to _____
   a) normal exit
   b) fatal error
   c) killed by another process
   d) all of the mentioned
3) Which of the following condition is required for a deadlock to be possible?
   a) mutual exclusion
   b) a process may hold allocated resources while awaiting assignment of other resources
   c) no resource can be forcibly removed from a process holding it
   d) all of the mentioned

4) The circular wait condition can be prevented by _____
   a) defining a linear ordering of resource types
   b) using thread
   c) using pipes
   d) all of the mentioned

5) File type can be represented by _____
   a) file name
   b) file extension
   c) file identifier
   d) none of the mentioned

6) What is the mounting of file system?
   a) creating of a filesystem
   b) deleting a filesystem
   c) attaching portion of the file system into a directory structure
   d) removing the portion of the file system into a directory structure

7) _____is used to move all of a process from main memory to disk. When all the process by putting it in the suspended state and transferring it to disk.
   a) Wrapping
   b) Mapping
   c) Swapping
   d) Marking

8) In Process Control Block, _____ includes the amount of CPU and real time used, time limits, job or process numbers, account numbers etc
   a) Event information
   b) CPU register
   c) Memory Management Information
   d) Accounting Information

9) In Process Control Block, _____ include the value of base and limit register. This information is useful for deallocating the memory when the process terminates
   a) Event information
   b) CPU register
   c) Memory Management Information
   d) Accounting Information

10) _____ is also called CPU scheduler
   a) Long Term Scheduler
   b) Medium Term Scheduler
   c) Short Term Scheduler
   a) None of the above