**Studytonight – OS test 8 – Aditya Jain**

**(Comparatively easy test)**

1. **Which scheduler selects which processes should be brought into the ready queue?**
2. Real-term
3. **Long-term**
4. Mid-term
5. Short-term
6. **Bring a page into memory only when it is needed is called?**
7. Demand memory
8. **Demand paging**
9. Page fault
10. Page segmentation
11. **Paging is implemented in:**
12. Operating system
13. **Hardware**
14. Software
15. All of the above
16. **Page-Table Length Register (PTLR) indicates size of:**
17. **Page table**
18. Paging File
19. Main memory
20. Virtual memory
21. **Which of the following is not the approach to Handling Deadlocks?**
22. Deadlock Prevention
23. Deadlock Avoidance
24. Detect and Recover
25. **Virtual Memory**
26. **A program in execution is called?**
27. Paging
28. **A process**
29. Virtual memory
30. A Demand page
31. **The necessary conditions needed before deadlock can occur?**
    * + - 1. No mutual exclusion, hold and wait, pre-emption, circular wait
          2. mutual exclusion, No hold and wait, pre-emption, circular wait
          3. **mutual exclusion, hold and wait, pre-emption, circular wait**
          4. mutual exclusion, hold and wait, pre-emption, no circular wait
32. **copying a process from memory to disk to allow space for other processes is called?**
33. **Swapping**
34. Deadlock
35. Demand paging
36. Page fault
37. **First-In-First-Out (FIFO) scheduling is?**
    1. **Non Preemptive scheduling**
    2. Preemptive scheduling
    3. Fair share scheduling
    4. Deadline scheduling
38. **A page fault occurs when?**
    1. The deadlock happens
    2. The segmentation starts
    3. The page is found in the memory
    4. **The page is not found in the memory**
39. **Which of the following memory unit that processor can access more rapidly?**
    1. Main memory
    2. Virtual memory
    3. **Cache memory**
    4. Read Only Memory (ROM)
40. **Which of the following concept is best to prevent page faults?**
    1. Paging
    2. **The working set**
    3. Hit ratios
    4. Address Location Resolution
41. **The Banker’s algorithm is used to:**
    * + - 1. Rectify deadlock
          2. Detect deadlock
          3. **Prevent deadlock**
          4. Solve deadlock
42. **Which of the following is NOT the function of the Operating System?**
    1. Resource management
    2. File management
    3. **Networking**
    4. Processor Management
43. **What are the two types of Semaphore?**
    1. Digital and Binary
    2. Analog and Octal
    3. Analog and Digital
    4. **Counting and Binary**