Operating System Quiz Questions and Answers Pdf

1. Block or buffer caches are used
   a. to improve disk performance
   b. to handle interrupts
   c. to increase the capacity of main memory
   d. to speed up main memory read operation
   Ans: A

2. Data encryption
   a. is mostly used by public networks
   b. is mostly used by financial networks
   c. cannot be used by private installations
   d. is not necessary, since data cannot be interrupted
   Ans: B

3. A hardware device that is capable of executing a sequence of instructions, is known as
   a. CPU
   b. ALU
   c. CU
   d. Processor
   Ams: D

4. The FIFO algorithm
   a. executes first the job that last entered the queue
   b. executes first the job that first entered the queue
   c. execute first the job that has been in the queue the longest
   d. executes first the job with the least processing needs
   Ans: B

5. Which of the following capabilities is required for a system program to execute more than one program at a time?
   a. Word processing
   b. Compiling
   c. Virtual memory
   d. Multitasking
   Ans: D

6. Capacity planning
   a. requires detailed system performance information

b. is independent of the operating system

c. does not depend on the monitoring tools available

d. is not needed in small installation

   Anms: B

7. Operating system is

   a. a collection of hardware components

   b. a collection of input output devices

   c. a collection of software routines

   d. all of these

      Ans: C

8. Which of the following is not an advantage of multiprogramming?

   a. increased throughout

   b. shorter response time

   c. decreased operating system overhead

   d. ability to assign priorities to jobs

      Ans: C

9. A processor

   a. is a device that performs a sequence of operations specified by instructions in memory

   b. is the device where information is stored

   c. is a sequence of instructions

   d. is typically characterised by interactive processing and time of the CPU's time to allow quick response to each user

      Ans: A

10. Remote computing services involve the use of timesharing and

   a. multiprocessing

   b. interactive processing

   c. batch processing

   d. realtime processing

      Ans: C