Q.1 Which one is the following method of IPC?

a) Semaphore **b) Message Passing** c) Threading d) None

Q.2 A program in execution is called as

**a) Process** b) Thread c) None d) Both

Q.3 A situation wherein two or more processes are in blocked state is called as

a) Semaphore b) Race Condition **c) Deadlock** d) None

Q.4 Autonomous computers are connected together via some interconnection link is called as

a) Tightly coupled **b) Loosely coupled** c) None d) Both

Q.5 Operating system cannot de-allocate resources to a process once they have been allocated is called as

a) Mutual Exclusion b) Hold and wait **c) No preemption** d) Circular wait

Q.6 Left over space within the partition is called as

**a) Internal fragmentation** b) External fragmentation c) Fragmentation d) None

Q.7 Total memory space exists to satisfy a process requirement but it is not contiguous is called as

a) Internal fragmentation **b) External fragmentation** c) Fragmentation d) None

Q.8 Dynamic memory partition suffers from

a) Internal fragmentation **b) External fragmentation** c) None d) Both

Q.9 External fragmentation can be removed with

a) Paging b) Compaction **c) Both** d) None

Q.10 Static memory partition is divided into

a) Fixed memory (Equal) b) Fixed memory (Unequal) c) None **d) Both**

Q.11 Shuffling free memory space together is called as

a) Paging **b) Compaction** c) Fragmentation d) None

Q.12 Paging scheme suffers from the problem of

**a) Internal fragmentation** b) External fragmentation c) None d) Both

Q.13 Virtual memory is implemented with the concept of

a) Paging b) Segmentation **c) Demand Paging** d) None

Q.14 Following page replacement policy associates a counter with each page

a) FIFO b) Optimal c) LRU **d) LFU**

Q.15 Following page replacement policy associates a timer with each page

a) FIFO b) Optimal **c) LRU** d) LFU

Q.16 Shared memory technique is being used by following multiprocessor

a) Loosely coupled **b) Tightly coupled** c) None d) Both

Q.17 Which one of the following disk scheduling policy divides each block into two parts?

a) Grouping b) Ordering c) Bit vector **d) Linked List**

Q.18 As the number of blocks increases, a table also increases proportionally in \_\_\_\_\_\_\_\_\_ disk scheduling policy.

**a) Bit vector** b) Grouping c) Ordering d) None

Q.19 When multiple units of a resource exists in operating system is called as

a) Binary semaphore **b) Counting semaphore** c) Unit semaphore d) None

Q.20 Process specific information is stored in a table, called as

**a) Process control block** b) Process control data c) Process information d) None