

## Memory Management MCQs Questions Answers

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### SET 1: Memory Management Mcqs

1. instructions fetched by CPU according to the value of `PC` from memory?

- A. program status word
- B. status register
- C. program counter
- D. instruction register
- E. both a and b
- F. None of these

Answer C

2. `Cache` is called a memory buffer and it is used to contain a speed differential

- A. cache
- B. accumulator
- C. disk buffer
- D. stack pointer
- E. both a and b
- F. None of these

Answer A

3. the address generated by CPU is:

- A. absolute address
- B. logical address
- C. physical address
- D. mac address
- E. both a and b
- F. None of these

Answer B

4. Which of the following option is true for virtual to physical address run-time mapping?

- A. CPU
- B. Operating system
- C. [memory management](#) unit
- D. PCI
- E. both a and b
- F. None of these

Answer C

5. `PC` is used to point the address of a [page table in memory](#).

- A. page register
- B. program counter
- C. stack pointer
- D. page table base register
- E. both a and b
- F. None of these

Answer C

### SET 2: Memory Management Mcqs

6. `Relative` Address is always deal with the program.

- A. absolute
- B. relative
- C. logical
- D. physical
- E. both a and b



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F. None of these

Answer C

7. ---- is contained by the page table.

A. page size

B. base address of every page

C. page offset

D. Page

E. both a and b

F. None of these

Answer B

8. for ---- the [page table](#) is maintained by the Operating System.

A. each instruction

B. each process

C. each thread

D. each address

E. both a and b

F. None of these

Answer B

9. The operating system is in?

A. high memory

B. System bus

C. either a or d (depending on the location of interrupt vector)

D. low memory

E. both a and b

F. None of these

Answer C

10. relocation register are used to :

A. a different [address space](#) to processes

B. providing less address space to processes

C. to protect the address spaces of processes

D. providing more address space to processes

E. both a and b

F. None of these

Answer C

### SET 3: Memory Management Mcqs

11. With limit registers and relocation, each logical address must be \_\_\_\_\_ the limit register.

A. Not equal to

B. equal to

C. greater than

D. less than

E. both b and c

F. None of these

Answer D

12. The code that ---- is Transient operating system code.

A. stays in the memory always B. comes and goes as needed

C. never enters the memory space

D. is not easily accessible

E. both a and b

F. None of these

Answer D

13. the size of the [operating system during program execution](#) is ---- while using transient code.

A. changed

B. increased

C. maintained

D. decreased

E. both a, b and c

F. None of these

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Answer A

14. Each partition may contain \_\_\_\_\_ when memory is divided into several fixed sized partitions.

- A. multiple processes at once
- B. exactly one process
- C. Two process
- D. at least one process
- E. both a and b
- F. None of these

Answer B

15. the degree of multiprogramming is bounded to which extent In fixed-sized partition?

- A. All of these
- B. the memory size
- C. the CPU utilization
- D. the number of partitions
- E. both a and b
- F. None of these

Answer D

### SET 3: Memory Management Mcqs

16. The strategies like the first [fit](#), [best fit](#) and [worst fit](#) are used to select a \_\_\_\_\_.

- A. process from a queue to put in storage
- B. process from a queue to put in memory
- C. [processor](#) to run the next process
- D. free hole from a set of available holes
- E. both c and b
- F. None of these

Answer D

17. The number of ---- can be granted by the Owner of [address space](#).

- A. Computers
- B. Modules
- C. Pages
- D. Devices
- E. both c and b
- F. None of these

Answer C

18. To load and store the system data from [memory](#) ---- is used.

- A. register
- B. RAM
- C. ROM
- D. Buses
- E. both c and b
- F. None of these

Answer A

19. The stack pointer is a register that points to the:

- A. [Push of the stack](#)
- B. Bottom of the stack
- C. Top of the stack
- D. [Pop of the stack](#)
- E. both a and b
- F. None of these

Answer C

20. To read the----- I/O instruction transfer is used.

- A. Information
- B. Instructions
- C. Description
- D. Data
- E. both c and b
- F. None of these

Answer D



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