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CS609 QUIZ 1 SOLVED

Provide by **VU Answer**

1. The data structure that is maintained by the DOS in the boot block of each drive is known as:

- a) FCB
- b) DPB
- c) BPB**
- d) RDB

2. DMA Request register can be used to simulate a DNA request through software in case of ____.

- a) Memory to memory transfer**
- b) Memory to I/O transfer
- c) Memory to O/I transfer
- d) None of the given

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3. In dos we have limit of ____.

a) 128 blocks per cluster

b) 256 blocks per cluster

c) 32 blocks per cluster

d) 64 block per cluster

4. Last ____ bytes of data part in partitioning table are the partition table signature.

a) 2

b) 4

c) 6

d) 8

5. Information about further partitioned drives is available at ____ physical block of extended partition.

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a) First

b) Second

c) Third

d) Fourth

6. Bit no. ____ of mode register in DMA determines the direction of a transfer.

a) 2

b) 3

c) 4

d) 5

7. An addressable unit on disk can be addressed by three parameters ____.

a) head #, sector # and track #

b) HD #, AH # and track #

c) Hd0 #, sector # and track #

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d) Circle #, store # and track #

8. If the value of first byte of data part of partition table is 00, then it means that it is a ____.

a) Bootable partition

b) Non-Bootable partition

c) Primary partition

d) Primary and Bootable partition

9. ____ is the first block on disk.

a) LSN = 0

b) LBA = 0

c) LBA = 1

d) Both LBA = 0 and LSN = 0

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10. The last partition table within the chain contains ____ entry/entries about the logical drive.

a) Single

b) Double

c) Three

d) Four

11. LBA address can be used in place of the ____ address.

a) Primary

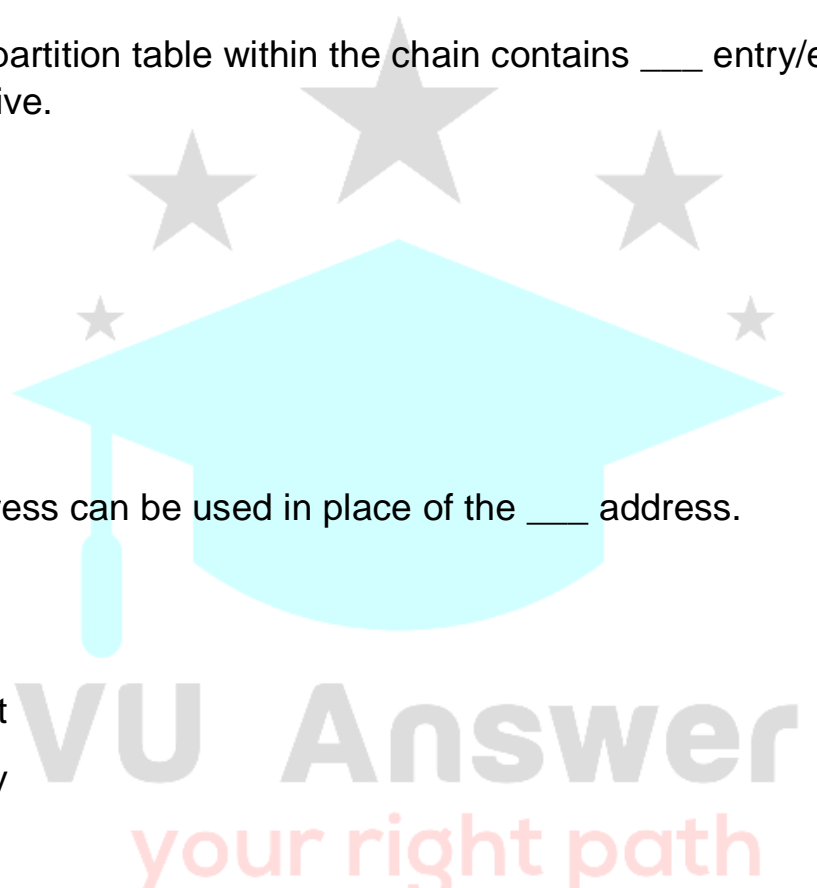
b) CHS

c) Permanent

d) Temporary

12. The ____ signals are used by various devices to request a DMA operation.

a) ACK



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- b) Hold
- c) DREQ
- d) Dorder

13. The function biosdisk() can be used to write a _____.

a) Physical block

- b) Logical block
- c) Analytical
- d) Both physical and logical

14. _____ are the longitudinal division of the disk.

a) Tracks

b) Sectors

- c) Blocks
- d) None of the given

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15. ____ will specify if the DMA transfer will happen as a single transfer, block transfer or demand transfer.

- a) DMA Request register
- b) DMA Mask register
- c) DMA Mode register**
- d) DMA Command Register

16. ____ is relative address with respect to the start of logical Drive.

- a) LBA
- b) LSN**
- c) CHS
- d) None of the given

17. Each addressable unit has a unique combination of sec#, head# and track# as its ____ address.

- a) Analytical

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b) Logical

c) Physical

d) Both Physical and Logical

18. The value ___ of partition table signature indicate that the cod part contains valid executable code.

a) AA22

b) AA33

c) AA44

d) AA55

19. ___ can be used to get drive parameters.

a) int 13H/42H

b) int 13H/48H

c) int 13H/66H

d) int 13H/80H

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20. MBR partition table can have ____ entries at maximum.

a) 1

b) 2

c) 3

d) 4



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