Floppy Disk Drive Interview Questions And Answers Guide.

Floppy Disk Drive Job Interview Preparation Guide.

Question # 1

Floppy Disk Drive questions part 1:

Answer:-

1. State the differences between a disk and a tape?
2. Define all the computer storage terms?
3. How many bytes of information can a 1.44-megabyte diskette contain?
4. What were the different types of a floppy disks?
5. At what voltage does the floppy disk function?
6. How is a floppy disk different from a compact disc?
7. Define the importance of external storage?
8. State the transfer rates of floppy disk drives?
9. What is a stiffy disk?
10. Describe how floppy disks work?

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Question # 2

Floppy Disk Drive questions part 2:

Answer:-

11. How much data a double spaced floppy-disk hold?
12. What are the advantages of floppy-disks?
13. What are the disadvantages of floppy-disks?
14. How can a floppy-disk be protected?
15. What are boot disks?
16. Define the steps of creating a boot floppy disk?
17. How many bits does each entry in FAT in reference to floppy disks use?
18. Define tracks, how many does a floppy disk contain?
19. How to detect if a computer supports a floppy disk?
20. State the differences between floppy disk and zip disk?

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Question # 3

Floppy Disk Drive questions part 3:

Answer:-

21. What are the differences between a floppy disk and hard disks?
22. Which DMA channel does the floppy drives use?
23. Explain the components that make a floppy disk?
24. A floppy disk can be accessed at what speeds?
25. Explain the Read/Write assembly of a floppy drive?
26. What is the error code 41 in reference to floppies?
27. Why floppy-disks are not used to store permanent data?
28. What are flash memories? Is a floppy-disk one?
29. Define a disk-controller?
30. What is the difference between format and delete in reference to a floppy disk?

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Question # 4

Floppy Disk Drive questions part 4:

Answer:-

31. What is mass-storage management?
32. What is sequential access?
33. Why have floppy-disks gradually become obsolete?
34. Why is it advised to store floppy disks away from magnetic sources?

35. How can the connector cable of a floppy-drive be differentiated from other cables?
36. How many pins does the floppy-drive connector contain?
37. What is the significance of the molex connector in reference to floppy-disks?
38. What is the IDE interface?
39. Define the purpose of CRC?
40. What are hard-sectored and soft-sectored disks?

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Question # 5

Floppy Disk Drive questions part 5:

Answer:-

41. What are DD,HD and ED in reference to floppy disks?
42. What is an FDC?
43. What are the functions of an FDC?
44. What are the input/output ports of an FDC?
45. What is the function of the MSR?
46. What is a 3mode floppy drive?
47. Define the use of the digital control port?
48. What are hardware floppy disk emulators?
49. What is the purpose of a spindle motor in a floppy-drive?
50. How are floppy disk densities measured?

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Question # 6

Explain Floppy Disk Drive?

Answer:-

A Floppy Disk Drive, also called FDD or FD for short, is a computer disk drive that enables a user to save data to removable diskettes. Although 8" disk drives were first made available in 1971, the first real disk drives used were the 5 1/4" floppy disk drives, which were later replaced with the 3 1/2" floppy disk drives.

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Question # 7

What is the main difference between 8086 and 8088?

Answer:-

The BIU in 8088 is 8-bit data bus & 16- bit in 8086.Instruction queue is 4 byte long in 8088and 6 byte in 8086.
in 8086
instruction buffer q(ibq) is 6bytes
address bus 20 bit,data bus 16 bit
pin 28 is io'/m ' stand 4 bar.
bhe' is present.
in 8088
ibq 4 bytes
addressbus 16 bit,data bus 8 bit.
pin 28 io/m'
no bhe'

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Question # 8

Explain What are the three main types of connection used by Bluetooth?

Answer:-

Three type of connections used by bluetooth are
Single slave, Master slave, Scatternet .

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Question # 9

What is the basic difference between 8085 and 8086?

Answer:-

8085 is a 8 bit microprocessor
8086 is a 16 bit microproceesor

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Question # 10

Explain Which microprocessor accepts the program written for 8086 without any changes?

Answer:-

Intel 8088 is the microprocessor performing same function as 8031 for 8051 micro controller.

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Question # 11

Explain the speed and device maximum specs for Firewire?

Answer:-

IEEE 1394 (Firewire) supports the maximum of 63 connected devices with speeds up to 400 Mbps.

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Question # 12

Give us an examples for Micro controller?

Answer:-

Z80, Intel MSC51 &96, Motorola are the best examples of Microcontroller.

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Question # 13

What is the maximum hard drive size for FAT16-based Windows system?

Answer:-

Maximum hard drive size for FAT16-based Windows system iMaximum hard drive size for FAT16-based Windows system is 2 GB. s 2 GB.
Microsoft MS-DOS versions 4.0 and later allow FDISK to partition hard disks up to 4 gigabytes (GB) in size. However, the MS-DOS file allocation table (FAT) file system can support only 2 GB per partition. Because of this fact, a hard disk between 2 and 4 GB in size must be broken down into multiple partitions, each of which does not exceed 2 GB.

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Question # 14

What are different functional units in 8086?

Answer:-

Bus Interface Unit and Execution unit, are the two different functional units in 8086.

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Question # 15

What is the difference between L1 and L2 cache?

Answer:-

Level 1 cache is internal to the chip, L2 is external.

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