

HP Sample Paper

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Company : HP
Date :
College :

1>General section : computer science general knowledge

2> Computer science general: simple questions

1) HP acquired this company in 2002. Which is the company

a)Compaq b)Dell c)option 3 d) Option4

Ans: a

2) what does 3G denote

a) 3rd generation mobile communication b) 3rd generation computer languages c) option 3 d) option4

Ans: a

3)an application program that is used by the users to get the inofrmation from the backend of some application like databases:

a) application server b)proxy server c)database server d)option 4

Ans: database server

4) which of the following is not true about the e-mail

a) it can be accessed by a client program using POP

b) it can be accessed by a client program using imap protocol

c) option 3

d) option 4

Ans: I don't remember the answer but first 2 are true.

5) Some question regarding the company and who developed it (the thing to remember is that Apple produce Macintosh computers).

5) What is X.25?

a)option 1 b)option 2 c)option 3 d)option 4

Ans: find out??:-)

>>> napster app is used for : downloading music

3> c/c++ section: questions on c/c++, programs o/p etc.

```
1) main( )
{
    unsigned int i=3;
    while( i >=0)
        printf( "%d", i--);
}
```

how many times will the printf stmt be executed?

a)0 b)3 c)4 d)infinite

Ans: I think the answer is infinite, b'cos 'i' is an unsigned integer and it will not decrement below '0' and hence end up in an infinite loop.(yes, i checked and it is getting stuck in an infinite loop)

```
2) main( )
{
    int x,y, z;
    x=2;
    y=5;
    z= x+++y;
    printf("%d %d %d", x, y z);
}
```

a)3 5 7 b)option 2 c)option 3 d)option 4

Ans: a

3) # define swap(a,b) temp=a; a=b; b=temp;

```
main( )  
{  
    int i, j, temp;  
  
    i=5;  
  
    j=10;  
  
    temp=0;  
  
    if( i > j)  
        swap( i, j );  
  
    printf( "%d %d %d", i, j, temp);  
}
```

Ans: On compiling i got ans 10, 0, 0. I did not understand the concept. Please explain this to me.

4>Java section: questions on java related stuff.

1) Java was initially code named as:

a)Oak b)green c)miller d)option4

Ans: Oak

2) what is not true about the following statements about java.

- a) it is compiled using javac compiler
- b) the compiled files have .class extension.
- c) such files cannot be transferred from one comp to another.
- d) they use the java interpreter

Ans: c

3) Why is the synchronize used?

a) to initialize multiple objects b)to lock an object c)option3 d)option 4

Ans: b (probably)

some java qns

1.

package java.lang; // Ans: <-----! Runtime gives error (test it)

```
class HPTest2
{
    public static void main(String args[])
    {
        String x="sdfsd";
        System.out.println("Hello");
    }
}
```

2

```
class HPTest
{
    static HPTest x;
    public static void main(String args[])
    {
        // below line not given
        //x=new HPTest(); if not this line Null pointer exeception
        x.foo();
    }
    void foo()
    {
        System.out.println("Hello");
    }
}
```

3:

```
class A
{
    A(int x)
    {
        System.out.println("     x=" + x );
    }
}
```

```
        }
        A(int x,int y)
        {
        System.out.println(" x=" + x + " y =" + y);
        }
    }
class HPTest4
{
    public static void main(String args[])
    {
        A a=new A(1);
        A b=new A(2,3);
        A c=new A();
    }
}
```

IT Gurus

1) Tim Berners Lee -- Founder of the World Wide Web

2) Bjarne Stroustrup, C++ Stroustrup called his new language 'C with Classes and then 'new C'. Because of which the original C began to be called 'old C' which was considered insulting to the C community. At this time Rick Mascitti suggested the name C++ as a successor to C.

3) Michael Dell of Dell Computers

4) Larry Ellison of Oracle Larry Ellison and Bob Oats were working on a consulting project for the CIA (Central Intelligence Agency). The code name for the project was called Oracle (the CIA saw this as the system to give answers to all questions or something such). The project was designed to help use the newly written SQL code by IBM. The project eventually was terminated but Larry and Bob decided to finish what they started and bring it to the world. They kept the name Oracle and created the RDBMS engine. Later they kept the same name for the company.

5) James Gosling, and his project is now known as Java Originally called Oak by creator James Gosling, from the tree that stood outside his window, the programming team had to look for a substitute as there was no other language with the same name. Java was selected from a list of suggestions. It came from the name of the coffee that the programmers drank.

6) Bill Hewlett(L) and Dave Packard(R) of HP. Behind them in the picture is the famous HP Garage. Bill Hewlett and Dave Packard tossed a coin to decide whether the company they founded would be called Hewlett-Packard or

Packard-Hewlett.

7) Ken Thompson (L) and Dennis Ritchie (R), creators of UNIX, B and C. Dennis Ritchie improved on the B programming language and called it 'New B'. He later called it C. B was created by Ken Thompson as a revision of the Bon programming language (named after his wife Bonnie)

8) Larry Page (L) and Sergey Brin (R), founders of Google. Google was originally named 'Googol'. After founders (Stanford graduates) Sergey Brin and Larry Page presented their project to an angel investor, they received a cheque made out to 'Google' !

9) Gordon Moore (L) and Bob Noyce (R), founders of Intel. Bob Noyce and Gordon Moore wanted to name their new company 'Moore Noyce' but that was already trademarked by a hotel chain, so they had to settle for an acronym of INTEgrated ELEctronics.

10) Andreas Bechtolsheim, Bill Joy, Scott McNealy and Vinod Khosla of SUN (Stanford University Network) Microsystems. Founded by four Stanford University buddies, SUN is the acronym for Stanford University Network. Andreas Bechtolsheim built a microcomputer; Vinod Khosla recruited him and Scott McNealy to manufacture computers based on it, and Bill Joy to develop a UNIX-based OS for the computer.

11) Linus Torvalds of Linux Operating System. Linus Torvalds originally used the Minix OS on his system which he replaced by his OS. Hence the working name was Linux (Linus' Minix). He thought the name to be too egotistical and planned to name it Freax (free + freak + x). His friend Ari Lemmk encouraged Linus to upload it to a network so it could be easily downloaded. Ari gave Linus a directory called linux on his FTP server, as he did not like the name Freax. (Linus' parents named him after two-time Nobel Prize winner Linus Pauling)

12) Steve Wozniak (sitting) and Steve Jobs of APPLE Computers. Favorite fruit of founder Steve Jobs. He was three months late in filing a name for the business, and he threatened to call his company Apple Computers if the other colleagues didn't suggest a better name by 5 o'clock.