HP Placement Paper 1

HP Pattern

80 Que 75 minutes

40 Que on cse subjects

They mainly concentrated on

OS(Important),FAFL,DBMS,SS,UNIX(only 2 que),c++,Network(Basic)

20 Que on c.

20 Que on Aptitude+English+Logical

Preparation:

For C,C++--> Test ur C,C++ skills by Yashvanth kanithakar
For Java--> any good book.
Pattern:
48Q totally
12Q in General computer test?(Concentrate more on ceo's and founders of HP,Microsoft,intel,sap etc..)It even includes Q in OS,N/wing
12Q on C,
12Q on C++
12Q n java
All section r compulsory..(Even for Non java guys)

U can find one paper in www.freshersworld.com

In the interview(ie ont he 2nd ropund..they will ask Q mostly in C,C++,Java.The employee who r asking the Q r very jovial.So develop ur confidence level.They mostly ask abt ur latest projects,

If u clear this level..next will be HR round.
If u clear the second round mostly..u r selected(90%).
HR is just for a formality..

The interview pattern will be as:

1. Tell abt your self.
2. They will ask for the subjects in which we are strong
(Here they will consider the ranking that we written during written examination & marks we got in written exam)
3. Mostly the interview time will be 45 minutes around (for only people there is about 1.5 hr)
4. HR questions may include here
5. Good thing is They r friendly and cooperative so confidence place role.

If u don't know the answer better not to answer than to tell some bad stuff.
For me 2 people interviewd. As I told them that I am strong in C they told me to write some programs like double linked list, singly linked list(adding node at last), macros, const *,char *,pointer arrays.

The main question that they asked was how can u compile or execute 'c' program without editor. (Using TCC utility)

coming 2 cpp only 1 question i.e what is polymorphism.

Java they asked me about protocol used in JSP, which layer does it belongs to, main differences between _Javascript ,java and JSP.

During personal introduction try to excell your capabilities by giving examples like as fast learner, hard worker like..!

If u have any achievements & awards try 2 put them all during personal INtroduction.

The interviewers are very co-operative and highly friendly (so confidence plays vital role)

There are four sections in the test

1.general ability(12q)
2.computer science(12q)
3.c/c++(12q)
4.java.(12q)
All the questions are mandatory. No negative marking
the questions are
section 1
1.Intel's first processor is
1)------2)4004 3) 80804)8086

2) Founder of Microsoft corporation
1) Bill Gates 2) Billgates and --------
3)Bill gates and Paul Allen4) Billgates and -------

3)Oddman out
1)Internet Explorer 2) Alt Vista3) Netscape Navigator 4)Opera

4)Which of the following is not a database
1)PLSQL2)MSSQL 3)MySQL4)Informix

5)Laura C--- (I don't remember exact spelling) is CEO of
1)Oracle 2)DELL 3) Hp4)Intel
Ans) She is CEO of HP

6)'SUN' Microsystems SUN stands for
1)Simple Unified Network2)Solaris Unified Network3)-------------
4) None of the above.

section 2

1) IRC stands for ans) Internet Relay chat

2)ICQ stands for ans)--------------------

3)The protocol used to translate Internet address to Network addressis
1)IP2)TCP3)ARP4)RARP

4)In some OS the option that the system provides to communicate with other process is
1)IPC(Inter Process Communication)2)----3)-----4)-----

5)VPN stands for ans) Virtual private network.

6)The time taken to transfer data from one place to other place or process within specified time is
1)Throughput2)Latency time 3)Response time 4)----------

7)The time complexity for which of the following is O(n log n)
1) Radix sort 2)Quick sort3)Shell sort 4) Bubblesort.

8)Which of the following is used pass the packets between networks
1)--------2)Bridges3)Router4)Gateways

section 3

1)Which of the following can be used to print % to the screen
1) printf("\%");2)printf("\\%"); 3)----- 4)------

2)how many times the loop is executed
```c
main()
{
int i=3;
while(i>=0)
printf("%d",i--);
return(0);
}
```
1) 3 2)Infinite 3)0 4)2
3) what is the output
```c
int 1=10;
printf("%d %d %d ",i,++i,i++);
```

1) 10 11 11 2)11 11 10 3) 10 11 10 4) None of the above
4)
```c
x=2;
y=5;
z=x+++y;
printf("%d %d %d",x,y,z);
```
1)----------- 2)------- 3)--------- 4)---------

5)In c++,
1)------------------
2)------------------
3)you cannot Overload new operator for a class
4)---------------------

6) Void xyz(char a[10])
```c
{
int i;
i=sizeof(a);
printf("%d",i);
}
```
1)10 2)can't say 3) 2 4)same as size of pointer.

7) Local Variables is stored in which part of the memory
1) register or heap 2)heap 3)register or stack 4)-----
8) which of the following can be shared by progams
1)Text Code
2)Data segment
3)heap memory
4)--------
section 4
Sorry I don't remember the Java Questions

Iam giving the quesns on 3 sections.c/c++ was very
easy
For any further informn mail me.

4 sections
48 quesns
no negative marking
all objective quesns.

IT INformation

1. Who is associated with C language?
2. CEO of MIcrosoft
3.Company producing Routers,Bridges
4.From 70s 80s Company producing
mouse,GUIs............a)Dell b)IBM c) Xerox d) HP
5.Inventor of Pascal
6.Abt SUN micro systems
7.first digital comp machine a)von neumann b) Dijkstra
8.Which of these is not search engine a)hotbot
b)parametric c)Altavista d) google
9.In 2002 IBM acquired which company a) Rational b)
oracle c) netscape

10.founder of apple computer(2 persons)

Computer Concepts

1.Complexity nlogn a.quick sort b. bubble sort c.
shell sort
2.Abt Protocols
3.Abt SSL
4.Abt MBR
5.Cross compiler
6.synonymus to main memory
7.Semaphores
8.Database quesns Stored procedures
Trigger strategy
9.Bandwidth measured in ?
10.Term assoc with Context Transaction

Java

1.extending the class means
2.how many values does char of java has
3.Java pgm can be executed on any m/c how?
4.utility used for dynamically changing the tables
a.vector b. hash table c. enumeration
d. structures
5.synchronise means
6.if X & Y r objects X = Y means
7.which action Java platform restricts on applets
a. Image viewing
b. Accept user i/p
c. write to system files
d. initialise date in browser
8.quesns on JDBC
9.Two quesns on simple java pgms.
10. Java was initially code named as:
a)Oak b)green c)miller
11.) 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 transfered from one comp to
another.
d) they use the java interpreter

Hi friends,
I am sorry for I will be mailing to u all the
questions i know today by 6 pm.Anyway Test was easy
.There were 48 questions.There were 3 series of quesn
papers.
So prepare in general dont rely on the quesns that iam
going to send.
12 questions in each section
1> General IT information(easy)
2> C/C++ (very easy)
3> Computer Concepts(Database,Unix,....)
4> Java/JdBC (little tough)

The test comprises of 4 sections:
Section A. ------50qns(general appitude,english etc):
Section B. ------ 10 Questions on Computer concepts.
Section C. ------ 30 Questions on C
Duration 90min, no negative marking. one mark per question .
Once this is cleared then u must take a c programming test duration 40min.
5 programs,each got differnet papers.one i got was
1.WAP find and replace a character in a string.

2.WA function to perform the substraction of two .
Eg:char N1="123",N2="478",N3=-355(N1-N2).
3.WAP dynamically intialize a 2 dimentional array Eg:5x20,accept strings and check for vowels and display the no.finally free the space allocated .
4.WAP read a line from file from location N1 to N2 using command line agruments
Eg:exe 10 20 a.c freshersworld.com
5.WAP find the largest of 4 no using macros.

Some questions that i remember are...................
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 freshersworld.com
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 quesion 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??:-)
3> c/c++ section: questions on c/c++, programs o/p etc.
1) main( )
{
unsigned int i=3; freshersworld.com
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( )
{ freshersworld.com
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 expalin 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 transfered from one comp to another.
d) they use the java interpreter freshersworld.com
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)
....
.

.From 70s 80s Company producing
mouse,GUIs............a)Dell b)IBM c) Xerox d) HP

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

8.Database quesns Stored procedures Trigger strategy
9.Bandwidth measured in ?
10.Term assoc with Context Transaction

2)ICQ stands for ans)--------------------


```
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();
}
}
```


Hi all,
I am no HR. So plz do not mail u'r resumes 2 me.

The test is not 4 freshrz. 4 them the pattern is completely diff. This test was 4 ppl with 6mnths 2 18mnths exp.

HP Q Paper Pattern:-
48Q 1 hr
12Q General Knowledge
12Q General CSE
12Q C and C++
12Q Java

The q's r as follows:-

1. Which of the foll is not a protocol.

HTTP PIM PSI

A> PSI (check)

2> Which of the foll does not help security.

Good Password
Update Antivirus
VLAN

A> VLAN

3> What was the prob with Intel Processor

Cache
FPU
NONE
A> FIND OUT AND LET ME KNOW

4> What does MIME stand for

A> Multipurpose Mail Exchange Protocol

5> What does XP stand for in WIN-Xp
A> Experience

6> Who is associated with C
A> Dennis Ritchie

7> Which of the foll is not a IM client

AOL
MSN
JABBER
XINGC
A> XINGC

8> What does ERP stand 4

A> Enterprise resource planning.

9> Who is associated with HOTMAIL

SABEER Bhatia and Jack Smith
SABEER Bhatia and Bill Gates

A>SABEER Bhatia and Jack Smith

10> What does UNIX stand 4???
Find out

11> Which of the foll is not a app server
BLUESTONE
WEBSPHERE
TOMCAT
JBOSS

A> BLUESTONE

GENERAL CSE Q's

12> What do u call software embbedded in ROM

BIOS
FIRMWARE
SHAREWARE
FREEWARE
A> BIOS (Verify and plz let me know)

13> What is semaphore used 4????

14> Integral Constraint helps in???

A> Solving Inconsitent Data prob.

15> PING uses

A> ICMP

16> IP ADDRESS occupies
4 bytes
8 bytes
16 bytes
6 bytes

A> I wrote 8. correct ans 4

17> Which DataStructure helps Searching
STACK
LINKED LIST
HASH
A> HASH

18> Q on Binary tree Depth?
2^n
2^n - 1
log n

19> Database shud hav
A> ACID properties.

20> VPN stands 4
A> virtual private n/w

21> what does fork() return 2 parent
child pid
0
A> 0

22> What do u call the relationship b/e a table and its columnz
A> Schema

12Q on c & c++

23> What is true about c++
A> IT can hav virtual constuctors

24> result of i=6; printf("%d",i++*i++)
36
54
cant say
A> Can't say (compiler dependent)

25> output of

char str[20] = "SANJAY"

printf("%d%d",sizeof(str),strlen(str))

ANS> 20,6

26> Which of the foll cannot b used accross files extern volatile static const
A> static. (i wrote volatile)

27> union u{ int i; char c;};

sizeof(u);

28> Idenitify err
5[[a]
5["abc"]
A> 5["abc"]

12Q on JAVA

29> Java alloctaes mem in
STACK
HEAP
A> HEAP

30> Can u call Garbage collector explicitly

A> S . Find out the syntax. It was asked

31> What does this mean X = Y

A> Object X refers to the contents of Y.

32> Q on Null pointer Exception

33> Synchronize is used 4???