

# SUN Technical Interview Questions:

- **main()**

```
{  
int _=10;  
printf(“%d?”,_);  
}
```

- **If you have developed an microprocessor by name JUGGI, how would you account for the JVM ?**

- a) Write/ Develop a new JVM by going through the SUN standards
- b) Implement the same JVM that?s in windows , linux as JVM is platform independent.
- c) Leave it to the SUN to write it for you
- d) Need not write anything

- **Which server would you use to configure or set up a new IP address in Linux**

- a) DNS b) DHCP c) TCP d) blah blah blah ?..

- **Three friends divided some bullets equally. After all of them**

shot 4 bullets the total no.of remaining bullets is equal to that of one has after division. Find the original number divided. [Infosys paper & IBM]

- a) 20 b) 22 c) 18 d) 19

- **A cube object 3" \* 3" \* 3" is painted with green in all the outer surfaces. If the cube is cut into cubes of 1"\*1"\*1", how many 1" cubes will have at least one surface painted. [Caritor]**

- a) 8      b) 26      c) 27      d) None of the above

- **What is the protocol used for getting the physical address by supplying IP address of a node ?**

- [i] ARP      [ii] RARP      [iii] BOOTP      [iv] DHCP

- **How can a process be started automatically in UNIX ? [MBT]**

- a) CRONTAB b) INITTAB c) CONTROL d) FORK

**- Flow chart problem [Satyam]**

let the value of N be 10

divide N by 10 to give quotient (Q) remainder(R)

diff=R-Q

if diff=1 then 6

go to step 7

display the value of N

add 1 to N

if N <100 go to step 2

the above logic will produce

a) 11,12,13,,14.. b)12,23,34,?.. c)21,32,4,354?? d) none

**- What is the output of the Program? [Sasken]**

**- define SQ(x) x\*x**

```
main()
```

```
{
```

```
int a=SQ(2+1);
```

```
printf(“%d”,a);
```

```
}
```

a) 5 b) 6 c) 7 d) None of the Given Answers

**- There N stations on a railroad. After adding X stations on the rail route 46 additional tickets have to be printed. Find N and X. [Sify]**

a) x=2 and N=11 b) x=2 and N=12 c) x=2 and N=13 d) x=3 and N=11

**- How is an Non-maskable interrupt handled**

- a) The current program is executed & then handles the NMI
- b) Handles the NMI first & then continues with the execution
- c) Handles the interrupt based on the priority
- d) Ignores the interrupt & continues with the program.

**Problems like:**

**If QWERT means 2513678397849 what does [some word] equal to ?**

**- Simple program on fork system call**

- **Simple problems on inheritance [Java]**
- **Simple string assignment problems**

- **If 8 butts of cigarette make 1 cigarette then how many will 64 butts make ?**

Ans : 8

- **ICMP is used where**

- a) ICMP supports packets containing error, control, and informational messages.
- b) The Ping / Command execution.
- c) a&b both

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