

- Q1. ICMP protocol is present in which layer?
- Q2. Where does TLB used?
- Q3. Explain Binary search complexity.
- Q4. What kind of handshaking is used in TCP/IP?
- Q5. Give the IP addressing for Class A , Class B , Class C.
- Q6. How much memory can be interfaced in 6 bit address bus and 8 bit data bus?
- Q7. Ping - which protocol implemented?
- Q8. End to end error correction is done by which layer?
- Q9. Find the length of Program Counter - 1 bit opcode, (n-1) operand.
- Q10. FTP - which protocol implemented?
- Q11. RISC - what kind of Control Unit is implemented?
- Q12. Why address of operator (&) cannot be used on register variables?
- Q13. What is the benefit of memory interleaving?
- Q14. How many maskable and non-maskable interrupt in 8085?
- Q15. In Pipeline architecture , what is the value of CPI (Cycles Per Instruction)?
- Q16. Explain worst case complexity for Heap sort.
- Q17. Where far pointer is used?
- Q18. What is the output of the following program?

```
struct a  
{  
  char b[7];
```

```
char *s;  
  
};  
struct b  
{  
char *t;  
struct a y;  
};  
struct b q={ Raipur, Kanpur, Jaipur};  
printf("%s %s", q.t, q.y.s);  
printf("%s %s", ++q.t, ++q.y.s);
```