

(KPTT)

- ① Tell me about yourself?
- ② B.E project, C-DAC project?
- ③ project Database table with detail?
- ④ c++;

- ① static, const keyword explain with example.
- ② overloading, ~~overriding~~ overriding in c++;
- ③ How to achieve overriding in c++;
- ④ what is vtable, vptr in c++;
- ⑤ what is diamond problem in c++. How to reduce it. explain with example.
- ⑤

```

class math
{
    int add( int a, int b)
    { }
    float add( int int a, int b)
    { }
};

int main()
{
    math m;
    float f = m.add(10, 20);
}
    
```

which method will be call?

- ⑥ what is oops? explain. 4 pillar of oops within.

⑥ what is the size of empty class? why?

⑦

operating system

① linux command with explanation.

② critical section.

③ semaphore.

④ paging, fragmentation.

⑤ multithreading? How exactly multithreading works in O.S?

Java:-

① snippets for overloading, overriding.

② draw class diagram:-

A factory class in that factory different vehicle are made like 2-wheeler, 4-wheeler, & boat. in that vehicle something is common, something is different.

draw class diagram for that.

③ collection:-

① put, get method in map.

② diff arraylist & linkedlist.

④ life cycle of servlet, jsp.

implicit object in jsp.

⑤ str spring framework, Hibernate, maven. DI, AOP.
scope of bean in spring.

I Round (Technical)

- ① Tell me about PG-DAC Project?
- ② Your Contribution in Project?
- ③ what is static keyword in c++?
- ④ Draw your Database design?
- ⑤ four Major Pillars of OOPS? (Explain with Real time eg?)
- ⑥ what is malloc & calloc ~~is~~ in c?
- ⑦ what is difference betⁿ c & c++?
- ⑧ what is Data structure?
- ⑨ List down various type of linear Data structure?
- ⑩ Add newNode betⁿ two node in link-list?
- ⑪ Tell me your B.E project?
- ⑫ what is Const in c++?

HR Round

- ① Tell me about Self?
- ② Tell me your PG-DAC project?
- ③ What are your strength and weakness?
- ④ what is your short term & long-term Goal?
- ⑤ What you know about KPIT?