Accenture Sample Paper

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1) Question about the project you were
thoroughly grilled.

2) List the various types of storage classes and explain the scope & lifetime of each one.

3) Right shift/Left shift + 1's complement concepts and give the output of this:

```
    i = 10;
    int j = i >> 10;
     cout<<j;
```

4) Difference b/w

```
char *str = "Hello";
    char arr[] = "Hello";
 The following statements get complied or not?
    arr++; // ERROR..its like a pointer constant
    *(arr + 1) = 's';
     cout<<arr;   // o/p:  Hsllo
```

5) struct Date
```
{
int yr;
int day;
int month;
} date1,date2;

date1.yr = 2004;
date1.day = 4;
date1.month = 12;
```

How will you initialize date2 (without member by
member assignment)

ans: date2 = date1;

6) Explain Primary Memory, Secondary Memory, Virtual Memory.

7) What happens when you run a program?

8) Virtual functions/ Abstract classes/ Pointer functions

9) Write a recursive factorial program.

10) How can you invoke a base class member function using derived class pointer?