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**Subject:** Object Oriented Programming

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**Mid Term Exam Question#2:**

Give the short answer to the following:

1. **What is the purpose of access modifiers in OOP languages?**

**Ans:**

The purpose of access modifiers in OOP languages is to change or modify the access of data members or member functions in a class.

1. **If we want to access the private members of a class in the child class what do we need to change?**

**Ans:**

If we want to access the private members of a class in the child class then we need to change the access modifier to public.

1. **Determine the accessibility of functions and data members in the following scenarios.**

|  |  |  |
| --- | --- | --- |
| **Scenario** | **Accessible** | **Not Accessible** |
| A private data member is declared in a class in accessibility by its object in the main function. |  | Yes |
| A protected function defined in parent class by the functions of the child class. | Yes |  |
| A public data of the parent class by the object of child class. | Yes |  |