

1. List out the basic concepts in OOP (2)
2. List a few areas of application of OOP technology (2)
3. What is the output of this program? (3)

```
class Test
{
    int x;
};

int main()
{
    Test t;
    cout << t.x;
    return 0;
}
```

- (a) 0
 - (b) Garbage value
 - (c) Runtime error
 - (d) Compiler error
4. What is the correct syntax of accessing a static member of a class in C++? (3)

```
class A
{
    public:
        static int value;
}
```

- (a) A->value
 - (b) A^value
 - (c) A.value
 - (d) A::value
4. Write a C++ program using classes to implement basic arithmetic functions calculator (5)
 5. Explain the use of Scope Resolution Operator in detail with examples (10)