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SPECIALIZATION IN CYBER SECURITY (CS)
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SEMESTER – II

Q.3. Answer the following. (Solve any 5)

(10)

1. What is pure virtual function?
2. How to allocate and deallocate memory
3. What is purpose of inline function?
4. What is file?
5. Why operators cannot be overloaded?
6. What do you mean by dynamic binding? How it is useful in Object Oriented Programming?

Q. 4. Answer the following in detail. (Solve any 6)

(30)

1. What is function overloading? Explain with example.
2. What are Try, Catch and Throw? Explain with example
3. Explain the use of friend function.
4. Explain public, private and protected access specifiers and show their visibility when they are inherited as public, private and protected.
5. Explain 'this' pointer with example
6. What is Default Argument? Explain with example
7. What is a virtual function? Write rules for virtual function. Explain with example

Q. 5. Answer the following in detail. (Solve any 1)

(10)

1. What is Destructor? Explain copy constructor and overloaded constructor with example.
2. Explain Object oriented programming concept
