Note: All Questions are Compulsory and Carry Equal Marks.

1. Give the difference between object oriented programming language and procedure oriented programming language.	(20 M) nted
2. Explain following operators with proper example: 1.:: 2>* 3* 4.delete	
3. Write a note on Type conversion.	
4. Explain the concept of inline function with proper example.5. What is class? How does it accomplish data hiding?	
6. Object can be used as a function argument. Explain with proper example.	
7. How memory can be allocated for objects? Explain.	
8. Write a note on Destructor in C++.	
Q.2: Attempt Any Four From the Following:	(20 M)
1. Explain the concept of binary operator overloading.	
2. What are different form of inheritance? Give example of each.	
3. Write a note on this pointer.4. Write a C++ program to illustrate how pointers to a derived object are used.	
5. How polymorphism can be achieved at compile time and run time?	
6. Write a C++ program to illustrate the concept of array of pointers to objects.	
7. Explain getline() and write() function with proper example.	
8. Write a note on C++ stream classes.	
Q.3: Attempt Any Four From the Following:	(20 N
1. Explain following file stream classes: 1.ifstream 2.Ofstream 3.fstream	(7)
2. What are the input and output streams?	
3. What is file mode? Describe the various file mode options available.	
4. Write a C++ program to implement bubble sort algorithm using template function.	
5. What is an exception? How an Exception handled in C++?	
6. Explain try and catch block with proper example.	
7. What are the components of standard template library?	
8. What is an iterator? What are it's characterstics?	
Q.4: Attempt Any Three From the Following:	(15
1. Write a short note om memory management operator.	
2. Write a C++ program to print following output using for loop.	
@ @	
@ @ @	
3 Write a C++ program to overload + operator.	
4 What is a virtual base class? When do we make a class virtual?	
5 How we can open and close file? Explain by proper programming example.	
6. Write a C++ program to illustrate the application of multiple catch statements.	

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