

2007 VISVESVARAYA TECHNOLOGICAL UNIVERSITY M.C.A

C++, Java, Html, Soft. Engg., Graph Theory, As/400, Mca C++ Question Paper

8(b).

Question: Write a note on file input and output operations.

1 (b)

Question: Explain the reference types used in C++.

1 (c)

Question: With examples, explain

i) const qualifier

ii) bool data type

iii) enum data type

2(a):

Question: Explain how pointers and arrays are related in C++ with examples.

2(c):

Question: Explain unction prototyping and function definition with an example.

3(b):

Question: What is function overloading? Mention the three steps of function overloading.

3(c):

Question: Explain the template compilation models.

4 (b):

Question: Write a program to implement bubble sort using function templates.

5(c).

Question: Bring out the differences between C++ structure and C++ class.

Answer:

6(b).

*Question: Write a program to perform addition and multiplication of complex numbers by overloading the operators + and *.*

6(a).

Question: What are friend functions? Why are they used? Explain with an example.

7(a).

Question: What is inheritance? Briefly explain the types of inheritance.

7(b).

Question: What is Virtual function? Briefly explain the different types of usage of virtual function.

8(a).

Question: write a C++ program to create a class called STRING and implement the following. Display the results after every operation by overloading the operator <<

1. STRING s1="MCA"

2. STRING s2="DEPARTMENT"

3. STRING s3=s1+s2 (Use copy constructor)

1 (a)

Question: Bring out the differences between C and C++.

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