MCA - 2 OOPUC++

Set-2

Full Marks: 70

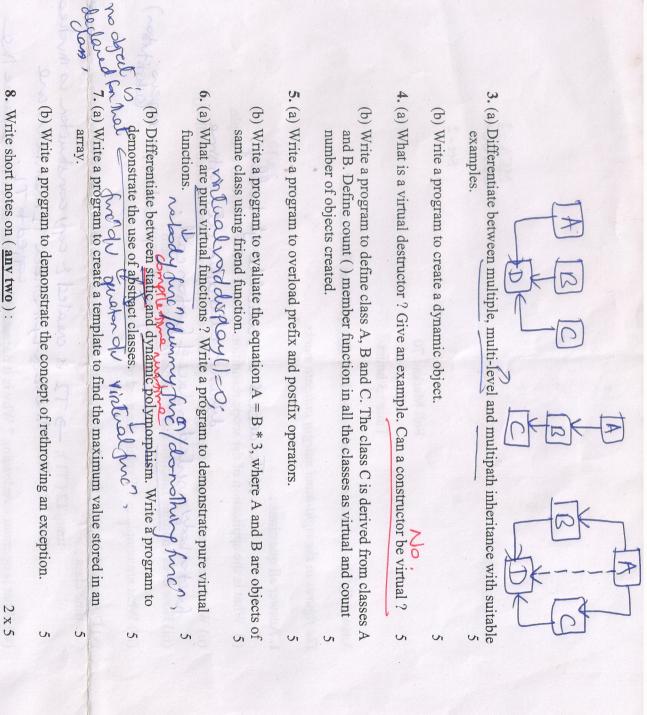
Time: 3 hours

Answer Q. No. 1 which is compulsory and any five questions from the rest.

The figures in the right-hand margin indicate marks.

Contomera. (a)	lan hat has o	(vii) (viii) (viii) (viii)	t.	(iii) H (iv) V (v) D:	1. Ans (i) W
each class. Perform addition of two data member arrays into array of third class using friend function.  Same weaks a considered function overloading? Write a program using function overloading to find	(ix) What is STL? What are its components? List the three types of containers in STL. Equence class (x) What is a container class? Give an example.  Clam hat has objects of container class? Give an example.  Clames as data members is called Sterations Hymithms  Dewed	(vii) What is an exception? How is an exception handled in C++? fuy Thus, cath Loch	time class: time T2(T1); -3 T2 is exected & copy constitution to Myches time T2=T1; Inember by member T2 members are copyed to T2.	(iii) How does an inline function differ from a preprocessor macro?  (iv) What are templates? Explain the need of templates with an example.  (v) Distinguish between the following two statements where T1 and T2 are objects of	1. Answer all questions:  1. Answer all questions:  1. Answer all questions:  2 To accell a variable globally.  (i) What is the application of the scope resolution operator in C++? Give an example.  3 Answer all questions:  (ii) What are the advantages of using new operator as compared to the function mallocopy.
a program to declare three classes. Declare integer array as data m lass. Perform addition of two data member arrays into array of this friend function.  Same hucken are duffered a guments s function overloading? Write a program using function overloading.	its components? List the? Give an example.	ss? When and why do  ss? When and why do  to award d  ow is an exception han	); -3 T2 is ever Imember-byn	on differ from a prepro	on of the scope resolution operator in C++? Give an exposes of using new operator as compared to the function ages of using new operator as compared to the function
e integer array as data is arrays into array of the arrays into array of the array of the array of the array into array of the array into array as data is a single array as data is array of the array of	three types of containers in the type of container	is it necessary to overload an operator? became in a defended only for basic data types in and why do we make a class virtual? To avoid dudicates in multipath inheritance exception handled in C++? Try Mass, cath Uoch	ted & copy cons	preprocessor macro?  preproces	iable globall erator in C++? Give are compared to the function
nember in ird class ird class	ners in STL. Gegrence	tor recurre Institute of the types ,	shuctor of my	per snack that considers of	x 10  example.

the sum of integer and floating-point numbers.



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(c) Copy constructor.

(b) Object Slicing

(a) Qualifier and nested classes.

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calls are