MILITARY INSTITUTE OF SCIENCE AND TECHNOLOGY

Department of Computer Science and Engineering (CSE)

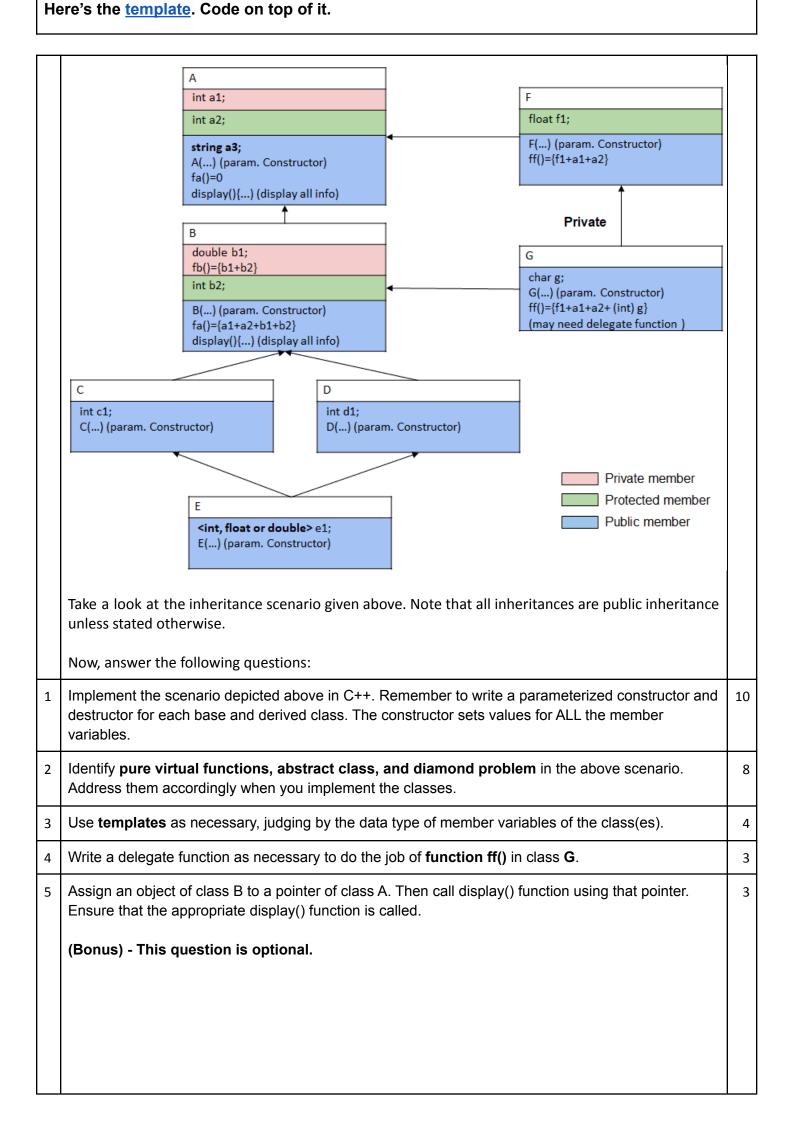
CSE 206: Object-Oriented Programming Language Sessional I

Online 2

Time: 1 Hr 30 min (End time: 0235 PM)

Full marks: 35

Create a file yourID_online2_CSE206.cpp. Submit only the .cpp file in the classroom.



Now, overload the following operators based on the details in the table given below.

Note that, A1, B1, C1 E1 are objects of classes A, B, C E respectively.

Operator Sample Operation Description

Ор	erator	Sample Operation	Description
	1	float a = B1 / B2;	Computes b1 / b1 (vars of class B1 and B2 respectively). Returns a float number.
	٨	double d = 3 ^ B1;	Computes pow(3, b1). Returns a double.
	++	C1++;	Increments the value of c1 by 5;
	[]	cout< <a1[2] <="" a1[2]="C" or="" th=""><th>Returns the char in index 2 of string a3 of class A or assigns "C" to index 2 of a3.</th></a1[2]>	Returns the char in index 2 of string a3 of class A or assigns "C" to index 2 of a3.
	=	double d1 = B1;	Assigns a1+a2+b1+b2 of class B to a double variable. (type conversion)

5

While overloading the " / " operator in question 6, don't let divide by 0 happen. Throw an error named "Divide by 0" and terminate the program. **(exception handling)**.

(Bonus) - This question is optional.