



ZIAUDDIN UNIVERSITY
Faculty Of Engineering Science & Technology
(ZUFEST)



Department of Software Engineering

Course Code/ Title: (CS-112) Object Oriented Programming	ASSESSMENT ACTIVITY: Assignment -02	Semester: Batch 2019 (Semester-II)
Final Dated: 25/08/2020	OBE Target: CLO- and PLO-	Weight of Marks: 02.5 % (02.5 Marks of Total)
Student Name: Student ID:	Teacher: Hafiz Syed M. Rafi	Score:

Question # 01

- ✓ Write a class **Sum**. Two data members **q** and **r** are declared in class **Sum**. The data members **q** and **r** are initialized in a constructor.
- ✓ Create a function **In()** to input the values of **q** and **r**. Also create a function **Display()** to display the input values. Create a function to overload the binary addition operator to add two values.
- ✓ In main function create three objects **m, n** and **o**.
- ✓ Through **m** and **o** objects access the member function **In()** to input data twice.
- ✓ Now add these values from **m** and **o** and save in **n**. (Hint: **n=m+o**)
- ✓ Again through **m, n** and **o** objects access the member function **Display()** to display data.
- ✓ Show the output of program.

Question # 02

- ✓ Write a class **Count**. Data members **a** is declared in class. The data members **a** is initialized in a constructor with 17.
- ✓ Create a function **Show()** to display the value of **a**. Create two functions to overload the prefix and postfix increment operator.
- ✓ In main function create objects **w**.
- ✓ Access the member function **Show()** to display the initial value of **a**.
- ✓ Increment the value of **w** through prefix operator. Again increment the value of **w** through postfix increment operator.
- ✓ Again access the member function **Show()** to display the final value of **a**.
- ✓ Show the output of program.



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Question # 03

- ✓ Write a class **Bio**. Data members **b** is declared in class. The data members **b** is initialized in a constructor with 100.
- ✓ Create a function **See()** to display the value of **b**. Create a functions to overload the prefix and increment operator.
- ✓ In main function create objects **obj1** and **obj2**.
- ✓ Access the member function **See()** from **obj1** and **obj2** to display the initial value of **b**.
- ✓ Increment the value of **obj1** and save in **obj2**.
- ✓ Again access the member function **See()** through **obj1** and **obj2** to display the final value of **b**.
- ✓ Show the output of program.



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Examiner Signature:

Student Score: