

National University of Computer and Emerging Sciences, Lahore Campus



Course:	Object Oriented Programming	Course Code:	
Program:	BS(Computer Science)	Semester:	Fall 2019
Topic:	Composition and aggregation	Total Marks:	10
Due Date:	10th October, 2019	Weight	%
Section:	B	Page(s):	1
Exam:	Quiz 3	Reg. No	

You are given 4 classes A, B, C and D. Give output of the following code

<pre>class A { int x; public: A(int a) { x = a; cout << "Constructor of A" << endl; } };</pre>	<pre>class B { A a; public: B(int w):a(w) { cout << "Constructor of B" << endl; } };</pre>
<pre>class C { A a; public: C(int w):a(w) { cout << "Constructor of C" << endl; } };</pre>	<pre>class D { B x; C y; public: D(int w = 0):x(w), y(w) { cout << "Constructor of D" << endl; } };</pre>
<pre>void main() { D Z(3); _getch(); }</pre>	