SOUTH EASTERN UNIVERSITY OF SRI LANKA

In-Course Assessment 03 CIS 21012 – Platform Technologies

Time allowed: 30 minutes

A.	What is deadlo	ck in an Operating System	n?	
В.	Explain the situ	uations when a deadlock c	an arise	
C.	What does it m	ean by a recourse allocation	on graph	
D.	. Suppose we have five (05) processes and three (03) resources, A, B, and C. A has thre (03) instances, B has five (05) instances and C has four (04) instances. Can the system execute the following processes without deadlock?			
	Process	Maximum Need	Allocation	

В

A

P1

P2

P3

P4

P5

C

В

A

C