Register Number

<Computer Science and Engineering

Continuous Assessment Test – I

Question Paper

Degree & Branch	B.E – Computer Science and Engineering		Semester	VII
Subject Code & Name	UCS1722- Social Network Analysis		**Regulation: 2018**	
Academic Year	2021-2022	**Batch**	2018-2022	**Date**	**13.08.2021**	~~FN~~ / AN
Time: 90 Minutes	**Answer All Questions**		**Maximum: 50 Marks**	

Part – B (20 Marks)

<K2>	1a. In a macro structure view of social network, what are the typical network patterns that are unique to Social networks are found and explain those network structures (8) 1b. What is the significance of the structural holes (2)	<CO1>
<K2>	2. Explain the structural dimension of Social Capital by Nahapiet and Ghoshal (5)	<CO1>
<K3>	3. Create a two mode affiliation network of person attending social functions. Represent in matrix format and transform it to one-mode network considering the overlaps as strength of the tie. (5)	<CO1>

Prepared By	Reviewed By	Approved By
Course Coordinator	PAC Team	HOD