Civil Engineering Department

Guru Nanak Dev Engineering College, Ludhiana 1st House Test

M.Tech 1st

MTST-502 Bridge Engineering

Date	Sat 21 Feb 15	Time: 10:30 a.m. to 12:00 noon	Max. Marks 3
Don't write anything on question paper except your Roll No			
1	Sketch components of a sla purpose / function of each	ab type bridge to be constructed over a drain; Writ component.	te down 10
2		by an Engineer for the site for a bridge and appropriation / data he needed? How required data is	
3(a)	Write in detail traffic requi	rements of Highway Bridges.	10
	or		
3(b)	be linear waterway require catchment area 600 hectare	y waterway of a bridge, and how it is calculated. Very different periods of the river, have, 10 mm per hour is the maximum rainfall intensection, 1.8 m is the average depth of flow. Take runder	aving ity, 1.2