Enrollment No:	Exam Seat No:					
	HAH UNIVERSITY					
Summe	er Examination- 2022					
Subject Name: Urban Transporta	tion System					
Subject Code: 4TE07UTS1	Branch: B.Tech (Civil)	Branch: B.Tech (Civil)				
Semester: 7 Date: 25/04/2 Instructions:	2022 Time: 02:30 To 05:30	Marks: 70				
(2) Instructions written on main	plator & any other electronic instrument is pro- then answer book are strictly to be obeyed. Sures (if necessary) at right places. ded.	ohibited.				
Q-1) Attempt the following:		(14)				
 What is full form of B.P.R? Enlist the types of urban road Define urban area as per Cent Which government body doe Define screen line survey. What are survey data check. What is full form of L.U.P. Enlist four step of travel demt Define cordon line What do you mean by express Enlist four mega infrastructut What is purpose of traffic ass What is integrated transport step 	nsus India. es population calculation in India. nand modeling. ssway? ure project ongoing in India. signments model?					
Attempt any four from Q-2 to	Q-8:					
Q-2) Attempt all questions		(14)				
(1) What is BRTS? How its merits and demerit(2) Critically discuss the transportation system	linkages – land use and	ritically discuss (7)				
Q-3) Attempt all questions	222 11041 11541201	(14)				
(1) Write short note of	on: All or nothing assignment method. veen trip end model and trip interchange mod	(7)				



Q-4) Attempt all questions							(14)
(1) Explain aggregate and disaggregate approach for travel demand.(2) Which are the methods of O-D Survey? Describe any two in detail.							
Q-5) Attempt all questions							(14)
(1)Enlist different methods of trip distribution. Explain each in detail with formula.							(7)
(2)What is	s trip generatio	on? Explain f	actors governi	ng trip gene	eration and tri	p attracti	on rates.
Q-6) Attempt all questions							(14)
(1)What are the innovations in Rapid transit system?							(7)
(2)Explain bus and rail transit.						(7)	
Q-7) Attempt all questions						(14)	
(1)Develop regression equation							(7)
Population in	10	15	20		22	25	
zone (100)	10	13	20				
Trips (100)	8	10	13		12	15	
(2) What is importance of metro rail project in Ahmedabad.							(7)
Q-8) Attempt all questions						(14)	
(1) Develo	op a trip gener	ation equation	on using negres	sion analysi	s for the		
following data and the co-efficient of co-relation.							(7)
Income of H.H in (100)	5	20	8	11			
Trips per	12	10	14	10			
(2) discuss	 	 transportati	on problems i	n detail			(7)
(2) discuss various urban transportation problems in detail.						(1)	

