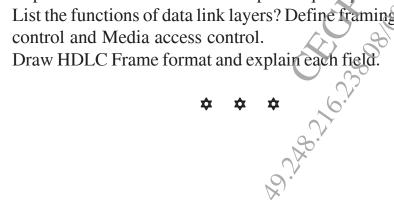
Total No	o. of Questions : 4] SEAT No. :
P505.	
1 505.	[6187]-456
	T.E. (E & TC Engineering) (Insem)
	COMPUTER NETWORKS
	(2019 Pattern) (Semester -I) (Elective - I) (304185D)
Time: 1	Hour] [Max. Marks : 30
	ions to the candidates:
1)	Answer Q.1 or Q.2, and Q.3 or Q.4.
2)	Neat diagrams must be drawn wherever necessary.
3)	Figures to the right indicate full marks.
<i>4</i>)	Use of Calculator is allowed.
5)	Assume suitable data, if necessary.
	Explain TCP/IP protocol suite. [6] Compare OSI model and TCP/IP model
Q1) a)	Explain TCP/IP protocol suite. [6]
b)	Compare OSI model and TCP/IP model. [4]
c)	What are the design issues for the layers? Discuss the design issues for
Ź	the layers. [5]
	OR
Q2) a)	Draw the OSI model and discuss the function of each layer in OSI model
~ / /	[6]
b)	
c)	Draw the diagram of relationship of layers and address in TCP/IP and
•)	explain the concept of physical and logical addressing. [5]
	enplain the concept of any block and regions addressing.
Q3) a)	Discuss the character oriented protocol with diagram. [6]
b)	
c)	A pure ALOHA network transmits 200-bit frames on a shared channel of
	200kbps. What is throughput if the system (all together) produces. [5]
	i) 1000 frames per second.
	ii) 500 frames per second.
	iii) 250 frames per second.
	OR OR
Q4) a)	Explain Go-Back-N automatic repeat request protocol. [6]
(b)	
3)	control and Media access control. [4]



c)

[5]