_		D 1131					
To	tal no	o. of pages: 2 Roll No					
FI	FTH	SEMESTER B. Tech. [ALL]		5	[A]		the [5]
Su	ppler	nentary EXAMINATION Feb- 2019				function of each fields.	
		EP311 Computer Networks			[B]	Compare IPv6 and IPv4 ?	[5]
Ti	me: 3	:00 Hours Max. Marks:	: 50				
No	te: A	nswer any FIVE questions.		6	IAI	Compare the TCP and UDP header format and thereby just	stify [5]
	A	all questions carry equal marks. Drawn neat diagram where necessary. Assume suitable missing data, if any.	ever		[]	their suitability for connection oriented/less protocol for proto process communication.	
1	[A]	With the help of a suitable block diagram explain concept of layered architecture of a computer network.	[5]		[B]	How do firewalls ensure the security of a computer network?	(5]
				7		Write short notes on any TWO	[5X2]
	[B]	Draw the TCP/IP protocol and explain functions of each layer briefly	[5]		[A]	The WWW, HTTP and FTP	
					[B]	The Domain Name System	
2	[A]	What are the functions of data link layer explain in detail?	[5]		[C]	Ethernet as a LAN standard	
	[B]	Differentiate between flow control and error control. How is flow control managed at data link layer?	[5]			1 The Committee project of the Committee	
3	[A]	Given the following network addresses, find the class, the	[5]			No-	
,	[xx]	block, and the range of the addresses. Also represent the same in	[-]				
		Classsless format.					
		i. 123.12.0.0 ii. 212.80.56.0				Service of the servic	
	IBI	What is the Network ID, subnet mask, broadcast address, First	[5]			The state of the s	
	[~]	Usable IP and Last Usable IP on the subnet that a node					
		192.186.1.15/28 belongs to? If the given block was to be				AND THE REPORT OF THE PARTY OF	
		divided among four subnets determine the First and Last Usable IP of each subnet.				AND STATE SHOULD RECEIVE A DECAME OF THE PARTY.	and agency
4	[A]	What are the drawbacks of Distance Vector Routing	[5]				
	[]	Explain the working of Link state routing?	[5]				