## The Assam Kaziranga University

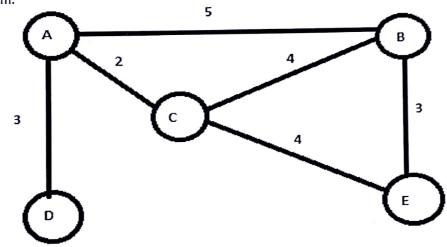
	End-Semester Examination: May-June, 2017				
		Semester: 6 <sup>th</sup>		Branch/Stream:CSE	
Course Code: ET1346			Course Name	Course Name: Computer Networks	
	3 hours		Total	Total Marks: 70	
	•	ed to write their ID number	r in the question paper		-
PART Answe		ten questions. Each quest	ion carries 1 marks.	1X10=10 Marl	ks
1. 2. 3. 4. 5. 6. 7. 8. 9. 10	What is the meaning Write down the Diffe Define all IANA Rar Define the functions Define Simplex Mod Define Unicast, Mult Define FQDN and POW What is Proxy ARP? Define Multiplexing Define the functions Y-B	of Client and Server. erence between Connection nges. of Application Layer and P e, Half-duplex Mode and P cicast and Broadcast. QDN. and Demultiplexing. of Data-link Layer and Tra	less and Connection oriently less and Connect		
Answe	er any four (4) from t	he following five (5) quest	ions. Each question car	ries 15 Marks.	
Q1.					(0)
a. b.	Discuss IGMP with it Discuss ICMP with it				(8) (7)
Q2.		,			
a. b. c. d. e.	A bit word <b>1011</b> is for this data.  Generate the CRC of A seven bit hammir	P Services with necessary of to be transmitted. Constructed for the data word of a code is received as 11 internet has a subnet mask abnet?	uct the even parity seven the control of the contro	Sor is 10101.	(2) (3)

## Q3.

a.	Define Selective Repeat ARQ with an example showing its flow diagram.		
b.	Discuss about Presentation Layer.	(4)	
c.	Discuss TCP segment format with necessary diagrams.	(5)	
đ.	Write down the difference between Reliable and Unreliable	(1)	

## Q4.

а.	Write down about Resolution with different resolution processes and diagrams.	(4).
	Write down about different Name Servers.	(4)
ъ.	Calculate the Routing Table for all the nodes present in the following diagram to	using Dijkstra's
c.	Algorithm.	(7)
	Algorithm.	



3 X 5 = 15 Marks

## Q5. Short notes.

- a. DHCP
- b. BOOTP
- c. RARP
- d. RIP
- e. UDP Operation