CODE NO:- U- 78
FACULTY OF ENGINEERING
Third Year (C)E(IT)Examination
DECEMBER2014
Computer Network-II

Revised

[Time: THREE *Hours*]   **[Max. Marks: 80]**

"Please check whether you have got the right question paper."

N.B   1) *Question no 1 & 6 are compulsory.*
              2) *Answer two question from section A and section B from the remaining questions.*

SECTION A

Q.1		Answer any five questions.	10
	a)	What is subnet addressing?	
	b)	What are five clall ( ) of IP addresses?	
	c)	What are routing tables?	
	d)	What are flow characteristics?	
	e)	What are VP's, VC's, Tp'I and cell?	
	f)	What is internetworking?	
	g)	What is admission control?	
	h)	What is buttering?	
Q.2	a)	What is the need of routing algorithm.? Explain and write Bellmon-ford algorithm.	07
	b)	With neat diagram explain transition from IPV4 to IPV6.	08
Q.3	a)	What are different approaches of control and explain any one of them in detail.	08
	b)	What is traffic shaping? Explain token bucket algorithm technique.	07
Q.4	a)	What are the service clall() of quality of service in ATM? Explain.	07
	b)	With neat diagram explain different ATM LAN architecture.	08
Q.5		Write short notes on (any 3)	15
	a)	Routing protocol and algorithm	
	b)	Multicasting and broad casting.	
	c)	Interior gateway routing protocol	
	d)	Differentiated services.	

SECTION B

Q.6		Answer any five	10
	a)	Write IANA ranges.	
	b)	What is socket address?	
	c)	What are real time transport protocols?	
	d)	What is halt closure in TCP?	
	e)	What are mail transfers agents in TCP.	
	f)	What is encapsulation and decapsulation?	
	g)	Write RTP header format.	
	h)	Write RTP message types.	
Q.7	a)	Explain connection establishment and termination in TCP.	08
	b)	Explain stream control transition protocol(SCTP)	07
Q.8	a)	Explain address resolution mechanism in the internet.	08
	b)	Explain the functions of network management features.	07
Q.9	a)	With neat diagram explain name space.	08
	b)	Explain session invitation protocol (SIP)	07
Q.10		Write short notes (any 3)	15
	1)	File transfer protocol	
	2)	H-323 protocol	
	3)	E-mail.	
	4)	TCP header format.	

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