

SUBJECT CODE NO:- K-56
FACULTY OF ENGINEERING AND TECHNOLOGY
T.E.(CSE/IT) Examination Oct/Nov 2016
Computer Networks - II
(Revised)

[Time:Three Hours]

[Max. Marks:80]

Please check whether you have got the right question paper.

N.B

- i) Q.No.1 and Q.No.6 are compulsory.
- ii) Attempt any two questions from the remaining questions in each section.

Section A

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| Q.1 | Attempt any five question | 10 |
| | <ul style="list-style-type: none">a) Which are unicast routing protocol?b) What is floodingc) What is FECN?d) What are the different congestion prevention policies?e) What is priority queuing?f) What is LAN emulation?g) Difference between PVC and SVC | |
| Q.2 | a) Explain OSPF algorithm in detail | 07 |
| | b) What is traffic shaping ,discuss in detail ? | 08 |
| Q.3 | a) Draw a neat labeled diagram of AAL 3 and explain in detail | 07 |
| | b) Explain closed loop congestion control mechanism | 08 |
| Q.4 | a) Explain RIP in detail | 07 |
| | b) Explain ATM in detail with its operation and uses | 08 |
| Q.5 | Write short notes on any three | 15 |
| | <ul style="list-style-type: none">a) Multicastingb) QOSc) Schedulingd) LAN emulatione) BGP | |

Section –B

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|-----|---|----|
| Q.6 | Attempt any five question | 10 |
| | <ul style="list-style-type: none">a) What is process to process delivery?b) Write the primitives of transport servicesc) What is remote logging?d) What is MIB?e) What is E-mail?f) What is min-max fairness in TCP? | |

	g) What is maximum size of TCP header?	
	h) What is SIP?	
Q.7	a) Explain the connection establishment process in TCP?	07
	b) What are the function of network management system ?	08
Q.8	a) Draw with a neat labeled diagram of SCTP packet?	07
	b) Are both UDP and IP unreliable to the same degree? Why or why not?	08
Q.9	a) Explain in detail SIP?	07
	b) What is MIME? Explain in detail	08
Q.10	Write short notes on any three	15
	a) RTP	
	b) PQDN	
	c) DDNS	
	d) Error control in TCP	
	e) Connection oriented services	