15CS/IS52

Fifth Semester B.E. Degree Examination, Dec.2018/Jan.2019 **Computer Networks**

Time: 3 hrs.

Max. Marks: 80

Note: Answer any FIVE full questions choosing ONE full question from each module.

		N	ote: Answer any FIVE full questions, choosing ONE full question from each mo	dule.
50, will be treated as malpractice.			Module-1	
lpra	1	a.	Explain HTTP messages.	(08 Marks)
mal		b.	Explain web caching with diagram.	(08 Marks)
las				
atec			OR	
e tre	2	a.	Explain FTP with its commands and replies.	(08 Marks)
age II be		b.	Explain SMTP.	(04 Marks)
ik p wi.		c.	Explain DNS resource record.	(04 Marks)
Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. 2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be in the computation of identification.			Module-2	
42.	3	a.	Explain Sender's view of sequence numbers and its operation in Goback N proto	
eg,		1	D. Andrews and American	(08 Marks)
tten		b.	Draw TCP segment structure and explain.	(08 Marks)
wri			OD	
ons			OR Explain 3 way handshake and closing a TCP connection.	(08 Marks)
oss I uati	4	a.		(08 Marks)
2 2		b.	Explain the causes and costs of congestion.	(00 Marks)
ona d /o			Module-3	
nag r an	5	•	With diagram explain router architecture.	(08 Marks)
aw c nato	3	a. h	Explain IP fragmentation.	(08 Marks)
/ dra valu		b.	Explain if Haginentation.	(00 Marks)
only to e			OR	
eal	6	a.	Explain distance vector algorithm.	(08 Marks)
omp app	U	b.	Explain 4 types of hierarchical OSPF routers.	(04 Marks)
S, C		c.	Compare link state with distance vector algorithm.	(04 Marks)
wer		٥.	Compare initiation was also to the same and	,
ans ntif			Module-4	
our ide	7	a.	Explain components of a cellular network architecture.	(08 Marks)
ng y g of		b.	Explain direct routing of a mobile node.	(08 Marks)
alin				
eve			OR	
ny r	8	a.	Explain steps of handoff a mobile user.	(08 Marks)
. 5. O A		b.	Explain HLR, VLR, home address, care-of-address.	(08 Marks)
žo Z			Module-5	, (00.75 1.)
ant	9	a.	With diagram, explain naïve architecture for audio/video streaming.	(08 Marks)
oorte		b.	Explain audio compression in internet.	(08 Marks)
Imp			OR	W.
	10	-	With diagram, explain interaction between client and server using RTSP.	(08 Marks)
	10	a.	Evaluir have attraction attraction octween chefit and server using K151.	(08 Marks)
		b.	Explain how streaming from streaming server to a media player is done.	(oo mana)

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