G.R. No.   PAPER CODE | U321-24B(ESE)

May 2022 (ENDSEM) EXAM
T.Y./ B. TECH. (SEMESTER - II)
COURSE NAME: ETUA32181B
COURSE CODE: Computer Networks and Security
(PATTERN 2018)

Time: [1Hr]   [Max. Marks: 30]

(*) Instructions to candidates:
1) Figures to the right indicate full marks.
2) Use of scientific calculator is allowed
3) Use suitable data where ever required

Question No.	Question Description	Marks
Q.1	a) Differentiate between threat, vulnerability and risk.	[4]
	b) Illustrate the methods to process access control lists?	[6]
	OR	
	b) Interpret the situations where NAT is required	[6]
Q.2	a) Describe the transport and tunnel mode with diagrams	[4]
	b) Differentiate between VPN and VLAN	[6]
	OR	
	b) Illustrate working of client server protocol RADIUS.	[6]

Q.3   a) Explain Network Sniffing in context of cyber security?   [4]

     b) Illustrate some essential TCP/IP hacking techniques?   [6]

OR

     [6]

     b) Discuss a DDoS attack? How can it be prevented