Total No. of Questions – [3] Total No. of Printed Pages:

MARKING SCHEME

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

b) Discuss a DDoS attack? How can it be prevented [6]