

Guidelines
“BACS03:Computer Networks and HTML”
BAProg. Semester 3
(as per revised syllabus)

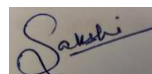
S.NO.	UNIT	Chapters	Reference
1	UNIT 1	Ch 1: 1.1, 1.2, 1.3 upto 1.3.2, 1.3.4, 1.3.5, 1.4 upto TCP/IP on Pg. 21. Ch15: 15.1.1 Ch 17 : 17.1.1, 17.1.2 upto pg. 495, 17.1.3 MAN pg. 382,1175 (definition) Extranet pg. 1167 (definition) Intranet pg. 1172 (definition) Bridge (description) 13.2.6 upto separating collision domains on pg. 374 (definition) pg. 1160 NIC pg. 366, 1177 (definition) Gateway pg. 1012 (definition)	1
		Online Reference for internet, extranet and intranet (omnisequ.com/basic-networking/internet-intranet-and-extranet.php) Online Resource for Tree Topology(omnisequ.com/basic-networking/tree-topology.php)	NA
2	UNIT 2	Ch 2 : 2.1, 2.2 upto 2.2.3, 2.3 Ch 18 : 18.4 upto 18.4.2 before address depletion on pg. 531 Ch 22 : 22.1.1 and 22.1.2	1
3	UNIT 3	Ch 3 : 3.1, 3.4 (Transmission Impairment Causes; definition of Attenuation, Distortion & Noise only) Ch 7 : 7.1, 7.2, 7.3 upto 7.3.2 Ch16: 16.3 upto pg. 485, 16.3.4	1
4	UNIT 4	Ch 1 – 7 : complete Ch 8 : pg. 181, 189-190 Ch 10 : complete Ch 11 : upto pg. 252 Ch 12 : complete Note: 1. For frames, please refer https://www.w3.org/TR/html401/present/frames.html	2

		<p>2. For any additional reference to HTML tags and CSS please refer https://www.w3schools.com/</p> <p>3. For brief description/definition of current topic like downloading and uploading of files, please refer to suitable online resources</p>	
		Ch 26:26.1.1, 26.1.2 (pg. 876; only overview of HTTP), 26.6 upto 26.6.2 (pg. 910- 916), 26.6.7	1
5	UNIT 5	<p>Ch 26 : 26.2 (only pg. 887), 26.3 (upto Mailing List or Group List pg. 895), 26.4 upto pg. 906 (except Network Virtual Terminal).</p> <p>Ch 28 : pg. 990 (definition of Video conferencing from 28.3.3), pg. 994 (videoconferencing example: skype)</p> <p>Note:</p> <ul style="list-style-type: none"> For brief description/definition of current topics like e-Commerce, m-Commerce, e-wallet, social networks, search engines, please refer to suitable online resources 	1
6	UNIT 6	<p>For overview of network commands/tools (ping, tracert, netstat, ipconfig, arp, whois), please refer online resource:</p> <ol style="list-style-type: none"> https://www.computernetworkingnotes.com/networking-tutorials/basic-networking-commands-explained-with-examples.html https://manytools.org/network/ 	NA

References

- Forouzan, B. A. (2013). *Data Communication and Networking*.(5th Edition). Tata-McGraw Hill.
- Duckett, J.(2011). *HTML and CSS: Design and Build Websites*.(1st Edition). Wiley.






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