**Curriculum Plan(Odd Semester 2022-23)**

**(Department of Computer Science)**

Name of the Faculty : kanishka

Name of the Course : B.A with Computer Application

Semester : 3rd sem

Title of the Paper : Computer Networks usingh HTML(Theory + Practical)

|  |  |  |  |
| --- | --- | --- | --- |
| **S No** | **Topic** | **References/content** | **schedule** |
| 1. | Ch 1 – 7 : complete | [2] | 26th August |
| 2. | 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.ht ml  2. For any additional reference to HTML tags and CSS please refer https://www.w3schools.com/ 3. For brief description/definition of current topic like downloading and uploading of files, please refer to suitable online resources  ASSIGNMENT | [2] | September |
| 3. | 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)  Online Reference for internet, extranet and intranet (omnisecu.com/basic-networking/internet-intranet-andextranet.php) Online Resource for Tree Topology(omnisecu.com/basicnetworking/tree-topology.php)  TEST 1 | [1] | October |
| 4. | 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  Ch 3 : 3.1, 3.4 (Transmission Impairment Causes; definition of Attenuation, Distortion & Noise only) Ch 7 : 7.1, 7.2, 7.3upto 7.3.2 Ch16: 16.3 uptopg. 485, 16.3.4  TEST 2 | [1] | November |
| 5 | 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). Ch 28 : pg. 990 (definition of Video conferencing from 28.3.3), pg. 994 (videoconferencing example: skype) Note: • For brief description/definition of current topics like e-Commerce, m-Commerce, e-wallet, social networks, search engines, please refer to suitable online resources  For overview of network commands/tools (ping, tracert, netstat, ipconfig, arp, whois), please refer online resource: 1. https://www.computernetworkingnotes.com/networ king-tutorials/basic-networking-commandsexplained-with-examples.html 2. <https://manytools.org/network/>  REVISION | [1] | December |

**References**

1. Forouzan, B. A. (2013). Data Communication and Networking.(5th Edition). TataMcGraw Hill.

2. Duckett, J.(2011). HTML and CSS: Design and Build Websites.(1 st Edition). Wiley.