

Krantiguru Shyamji Krishna Verma Kachchh University
Master of Science (Information Technology)
Semester: III

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| Paper Code: CCCS309 | Total Credit : 4 |
| Title of Paper: Practical and Viva-Voce Based on CCCS307 and Elective Courses | Total Marks : 70 |
| | Time : 3 Hrs |
| Description | |
| <ol style="list-style-type: none"> 1. Dijkstra's shortest path algorithm 2. Prim's algorithm 3. Design Subnet & Supernet & implement in CPT 4. Packet Analysis Using Wireshark on LAN Network 5. Configure Firewall & Manage In/Out Rules 6. Installation of Ubuntu & Windows with harddisk format & data recovery 7. Software Debugging 8. Configure Virtual Machine With Realtime Network <p><i>Software List and Links:</i></p> <ul style="list-style-type: none"> • Open Visual Trace Route 1.6.2 - https://sourceforge.net/projects/openvisualtrace/ • Cisco Packet Tracer Student 6.2 - http://cisco.edu.mn/Download/ • Advanced Task Manager - http://filehippo.com/download_process_explorer/ • Virtual Box By Oracle- http://filehippo.com/download_virtualbox/ • Wireshark - http://filehippo.com/download_wireshark_32/ • Whois - https://technet.microsoft.com/en-us/sysinternals/whois.aspx • Solaris Advanced Subnet Calculator - http://downloads.solarwinds.com/solarwinds/Release/FreeTool/SolarWinds-Subnet-Calculator.zip • Linux OS - http://distrowatch.com/ • Ollydbg v2.01 - http://www.ollydbg.de/odbg201.zip | |

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| Unit | Description | Total Marks |
| I | Q.1 (A) Viva – Voce | 20 |
| | Q.1 (B) Practical | 50 |
| | | 70 |