

|                                   |                 |   |   |
|-----------------------------------|-----------------|---|---|
|                                   |                 |   | -server side<br>-client side<br>Different types of Cabling,   |
| <b>Server Administration Part</b> |                 |   |   |
| 13                                | <b>Class-11</b> | FTP server  | RPM required, server configuration, ftp related commands from Linux and windows, ftp user add, delete.  |
| 14                                |                 | Remote login<br>Telnet/SSH  | SSH server and Telnet server, RPM, port change.   |
| 15                                | <b>Class-12</b> | NFS server  | NFS server configure both server & client, file share, system administration with NFS,  |
| 16                                |                 | WEB server  | Web RPM install, Web server configuration, virtual host,  |
| 17                                | <b>Class-13</b> | Samba server  | Samba server configuration, directory share, file share,  |
| 18                                |                 | DHCP server   | DHCP server Configuration, IP address from DHCP server.   |
| 19                                | <b>Class-14</b> | DNS server  | BIND install, configure, zone file details.   |
| 20                                |                 | NIS   | NIS server configuration.   |
| 21                                | <b>Class-15</b> | Mail server<br><br>Sendmail and Postfix, dovecot                    | Sendmail and Postfix server configurations. Dovecot with send mail and postfix server. Mail send receive test, log check.   |
| 22                                | <b>Class-16</b> | Proxy server  | Squid Proxy server configuration and some filtering   |
| 23                                | <b>Class-17</b> | Securing with IPtables  | IPTABLES details. Enable filtering with iptables. Add/delete rules. IP or Port block, reject, drop, accept etc.   |
| 24                                | <b>Class-18</b> | Syslog server   |   |
| 25                                | <b>Class-19</b> | Automate and Schedule System Administration Tasks                   | At Commands, Managing At Commands, Backup and Types of Backup, crontab, Other Backup Software<br>cpio — alternative archiving program<br>afio<br>dump and restore — access the filesystem directly, rather than |
| 26                                | <b>Class-20</b> | Enterprise Linux Server Monitoring (Cacti, Squint, Wireshark, MRTG) | MRTG, Cacti, Squint, Wireshark, tcpdump<br>Different types of Monitoring and Troubleshooting tools  |
| 27                                | <b>Class-21</b> | Summarization   | Summarization and exam  |