

# COMMUNICATION AND NETWORKING CONCEPTS

## FULL FORMS

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| 1. <b>ARPANET</b><br>Advanced Research Project Agency<br>Network       | 16. <b>UTP Cable</b><br>Unshielded Twisted Pair Cable                              |
| 2. <b>NSF</b><br>National Science Foundation                           | 17. <b>STP Cable</b><br>Shielded Twisted Pair Cable                                |
| 3. <b>TCP/IP</b><br>Transmission Control<br>Protocol/Internet Protocol | 18. <b>CAT-5 cable</b><br>Category-5 cable   |
| 4. <b>IP</b><br>Internet Protocol                                      | 19. <b>WWW</b><br>World Wide Web   |
| 5. <b>NIU</b><br>Network Interface Unit                                | 20. <b>GHz</b><br>Giga Hertz   |
| 6. <b>NIC</b><br>Network Interface Card                                | 21. <b>Hz</b><br>Hertz   |
| 7. <b>MAC Address</b><br>Media Access Control address                  | 22. <b>MHz</b><br>Mega Hertz   |
| 8. <b>TAP</b><br>Terminal Access Point                                 | 23. <b>KHz</b><br>Kilo Hertz   |
| 9. <b>LAN</b><br>Local Area Network                                    | 24. <b>THz</b><br>Tera Hertz   |
| 10. <b>MAN</b><br>Metropolitan Area Network                            | 25. <b>PDA</b><br>Personal Digital Assistant                                       |
| 11. <b>PAN</b><br>Personal Area Network                                | 26. <b>LASER</b><br>Light Amplification (by) Stimulated<br>Emission (of) Radiation |
| 12. <b>CAN</b><br>Campus Area Network                                  | 27. <b>bps</b><br>bits per second  |
| 13. <b>WAN</b><br>Wide Area Network                                    | 28. <b>Bps</b><br>Bytes per second   |
| 14. <b>VGM</b><br>Voice Grade Medium                                   | 29. <b>kbps</b><br>kilo bits per second  |
| 15. <b>DGM</b><br>Data Grade Medium                                    | 30. <b>Kbps</b><br>Kilo bytes per second   |

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| <p>31.<b>mbps</b><br/>million bits per second</p> <p>32.<b>Mbps</b><br/>million bytes per second</p> <p>33.<b>P2P</b><br/>Point to Point</p> <p>34.<b>MODEM</b><br/>Modulation/Demodulation</p> <p>35.<b>AM</b><br/>Amplitude Modulation</p> <p>36.<b>FM</b><br/>Frequency Modulation</p> <p>37.<b>PM</b><br/>Phase Modulation</p> <p>38.<b>A/F</b><br/>Audio frequency</p> <p>39.<b>DTE</b><br/>Data Terminal Equipment</p> <p>40.<b>DCE</b><br/>Data Communication Equipment</p> <p>41.<b>CTS</b><br/>Clear to send</p> <p>42.<b>CD</b><br/>Carrier Detect</p> <p>43.<b>RJ-45</b><br/>Registered Jack-45</p> <p>44.<b>AUI Connector</b><br/>Attachment Unit Interface</p> <p>45.<b>BNC Connector</b><br/>Bayone Neill Concelman</p> <p>46.<b>SNA</b><br/>Systems Network Architecture</p> <p>47.<b>ISP</b><br/>Internet Service Provider</p> | <p>48.<b>FDDI</b><br/>Fiber-Distributed Data Interface</p> <p>49.<b>ISDN</b><br/>Integrated Services Digital network</p> <p>50.<b>VFIR</b><br/>Very fast Infrared</p> <p>51.<b>NFS</b><br/>Network File System</p> <p>52.<b>HTTP</b><br/>Hyper text Transfer Protocol</p> <p>53.<b>MIME</b><br/>Multipurpose Internet Mail Extension</p> <p>54.<b>SMTP</b><br/>Simple Mail Transfer Protocol</p> <p>55.<b>WAIS</b><br/>Wide Area Information Service</p> <p>56.<b>FTP</b><br/>File Transfer Protocol</p> <p>57.<b>URL</b><br/>Uniform Resource Locator</p> <p>58.<b>URI</b><br/>Uniform Resource Identifier</p> <p>59.<b>URN</b><br/>Uniform Resource Name</p> <p>60.<b>SLIP</b><br/>Serial Line Internet Protocol</p> <p>61.<b>LCP</b><br/>Link Control Protocol</p> <p>62.<b>NCP</b><br/>Network Control Protocol</p> <p>63.<b>IPCP</b><br/>IP Control Protocol</p> <p>64.<b>PPP</b><br/>Point to Point Protocol</p> |
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65. **GSM**  
Global System for Mobile  
Communications

66. **SIM**  
Subscriber Identification Module

67. **SMS**  
Short Message Service

68. **IDEN**  
Integrated Digital Enhanced Network

69. **TDMA**  
Time Division Multiple Access

70. **CDMA**  
Code Division Multiple Access

71. **WLL**  
Wireless in Local Loop

72. **3G**  
Third Generation

73. **EDGE**  
Enhanced Data Rate for Global  
Evolution

74. **UMTS**  
Universal Mobile Telecommunication  
System

75. **PSTN**  
Public Switched Telephone Network

76. **E-Mail**  
Electronic Mail

77. **CC**  
Carbon Copy

78. **BCC**  
Blind Carbon Copy

79. **BSNL**  
Bharat Sanchar Nigam Limited

80. **VSNL**  
Videsh Sanchar Nigam Limited

81. **HTML**  
Hypertext Markup Language

82. **XML**  
Extensible Markup Language

83. **DHTML**  
Dynamic Hypertext Markup Language

84. **ASP**  
Active Server Pages

85. **JSP**  
Java Server Pages

86. **VB Script**  
Visual Basic Script

87. **PHP**  
Hypertext Preprocessor

88. **PERL**  
Practical Extraction Report Language

89. **OSS**  
Open Source Software

90. **FLOSS**  
Free Libre Open Source Software

91. **GNU**  
GNU's Not Unix

92. **FSF**  
Free Software Foundation

93. **OSI**  
Open Source Initiative

94. **W3C**  
World Wide Web Consortium

95. **GPL**  
General Public License

96. **FOSS**  
Free and Open Source Software

**97.SSL**

Secured Socket Layer

**98.UNCITRAL**

United Nation's Commission for  
International Trade Related Law

**99.IPR**

Intellectual Property Rights

**100.FAT**

File Allocation Table