ASIA PACIFIC UNIVERSITY OF TECHNOLOGY & INNOVATION

**CT043-3-1**

**Introduction to Networking (IN)**

**Tutorial : Introduction to IP Addressing**

**Address Class**

10.250.1.1 \_\_\_\_\_

150.10.15.0 \_\_\_\_\_

192.14.2.0 \_\_\_\_\_

148.17.9.1 \_\_\_\_\_

193.42.1.1 \_\_\_\_\_

126.8.156.0 \_\_\_\_\_

220.200.23.1 \_\_\_\_\_

230.230.45.58 \_\_\_\_\_

177.100.18.4 \_\_\_\_\_

119.18.45.0 \_\_\_\_\_

249.240.80.78 \_\_\_\_\_

199.155.77.56 \_\_\_\_\_

117.89.56.45 \_\_\_\_\_

215.45.45.0 \_\_\_\_\_

199.200.15.0 \_\_\_\_\_

**Network & Host Identification**

|  |  |
| --- | --- |
| **Circle the network portion of these addresses:** | **Circle the host portion of these addresses:** |
| 177.100.18.4 | 10.15.123.50 |
| 119.18.45.0 | 171.2.199.31 |
| 209.240.80.78 | 198.125.87.177 |
| 199.155.77.56 | 223.250.200.222 |
| 117.89.56.45 | 17.45.222.45 |
| 215.45.45.0 | 126.201.54.231 |
| 192.200.15.0 | 191.41.35.112 |
| 10.250.1.1 | 155.25.169.227 |
| 150.10.15.0 | 192.15.155.2 |
| 192.14.2.0 | 123.102.45.254 |
| 148.17.9.1 | 148.17.9.155 |
| 193.42.1.1 | 100.25.1.1 |
| 126.8.156.0 | 195.0.21.98 |
| 220.200.23.1 | 25.250.135.46 |

**Default Subnet Masks**

Write the correct default subnet mask, network address and broadcast address for each of the following addresses:

|  |  |  |  |
| --- | --- | --- | --- |
| **IP Address** | **Default Subnet Mask** | **Network Address** | **Broadcast Address** |
| 177.100.18.4 |  |  |  |
| 119.18.45.0 |  |  |  |
| 191.249.234.191 |  |  |  |
| 223.23.223.109 |  |  |  |
| 10.10.250.1 |  |  |  |
| 126.123.23.1 |  |  |  |
| 223.69.230.250 |  |  |  |
| 192.12.35.105 |  |  |  |
| 77.251.200.51 |  |  |  |
| 189.210.50.1 |  |  |  |
| 88.45.65.35 |  |  |  |
| 193.100.77.8 |  |  |  |
| 125.125.250.1 |  |  |  |
| 220.90.130.45 |  |  |  |
| 134.125.34.9 |  |  |  |