

Computer Networks (CL3001)

Lab 01

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EX1:

CN Lab 1 :-		
Sn1: Address Class Identification		
Address	Class	
10.210.1.1	A	A 1 - 127
170.10.15.0	B	B 128 - 191
192.14.2.0	C	C 192 - 223
148.17.9.1	B	D 224 - 239
193.42.1.1	C	E 240 - 255
126.8.156.0	A	
220.200.23.1	C	
230.230.45.58	D	
177.100.18.4	B	
119.18.45.0	A	
249.240.80.78	B	
199.155.77.56	C	
117.89.56.45	A	
215.45.45.0	C	
199.200.15.0	C	
98.0.21.90	A	
33.0.0.0	A	
188.98.80.0	B	
219.21.56.0	C	
Sn2: on PDF:		

EX2:

Class Exercise: Host & Network Identification

Circle the network portion
of these addresses:

177.100.18.4

119.18.45.0

209.240.80.78

199.155.77.56

117.89.56.45

215.45.45.0

192.200.15.0

95.0.21.90

33.0.0.0

158.98.80.0

217.21.56.0

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

Circle the host portion of
these addresses:

10.15.123.50

171.2.199.31

198.125.87.177

223.250.200.222

17.45.222.45

126.201.54.231

191.41.35.112

155.25.169.227

192.15.155.2

123.102.45.254

148.17.9.155

100.25.1.1

195.0.21.98

25.250.135.46

171.102.77.77

55.250.5.5

218.155.230.14

10.250.1.1

EX3:

Ex 3: Network Address

188.10.18.2 → 188.10.0.0
255.255.0.0

10.10.148.80 → 10.10.48.0
255.255.255.0

192.149.24.191 → 192.149.24.0
255.255.255.0

110.203.23.19 → 110.203.0.0
255.255.0.0

10.10.10.10 → 10.0.0.0
255.0.0.0

186.13.23.110 → 186.13.23.0
255.255.255.0

223.69.230.250 → 223.69.0.0
255.255.0.0

200.120.135.15 → 200.120.135.0
255.255.255.0

EX4:

In 4: Host Address

188.10.18.2 0.0.18.2

255.255.0.0

10.10.48.80 0.0.0.80

255.255.255.0

222.49.49.11 50.0.0.11

255.255.255.0

128.23.230.19 50.0.230.19

255.255.0.0

10.10.10.10 0.10.10.10

255.0.0.0

200.113.123.11 50.0.0.11

255.255.255.0

223.169.23.20 50.0.23.20

255.255.0.0

203.20.35.215 0.0.0.215

255.255.255.0

EX5:

SAC : Default Subnet Mask

177.150.18.4 = 255.255.0.0

119.18.45.0 = 255.0.0.0

191.249.234.191 = 255.255.0.0

223.23.223.109 = 255.255.255.0

10.10.20.1 = 255.0.0.0

126.123.23.1 = 255.0.0.0

223.69.230.210 = 255.255.0.0

192.12.35.105 = 255.255.255.0

77.281.200.51 = 255.0.0.0

189.210.50.1 = 255.255.0.0