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Sub: Networking
Date: 1/9/22
Assignment # 02
Semester - V

⇒ How find the Ip Address with its Subnet, Networking-Id, Broad cast Id.

⇒ Network Ⓐ problems. (1 — 126)

① 11.92.1.1
⇒ Class: Ⓐ
⇒ Network-Id = 11.0.0.0
⇒ Subnet Mask-Id: 255.0.0.0
⇒ Broad cast Id = 11.255.255.255

② 122.15.0.1

⇒ Class: Ⓐ
⇒ Network-Id: 123.0.0.0
⇒ Subnet-Mask: 255.0.0.0
⇒ Broadcast-Id: 123.255.255.255

③ 101.20.0.20
⇒ Class: Ⓐ
⇒ Network-Id: 101.0.0.0
⇒ Subnet Mask: 255.0.0.0
⇒ Broadcast-Id: 101.255.255.255

④ 110.15.1.25
⇒ Class: Ⓐ   ⇒ Subnet Mask: 255.0.0.0
⇒ Network-Id 110.0.0.0   ⇒ Broadcast-Id: 110.255.255.255
                                                   255

⇒ Network Ⓑ problems: (128- 191)

⑤ 135.20.1.1
⇒ class: Ⓑ
⇒ Network-Id: 135.20.0.0
⇒ Subnet-Mask: 255.255.0.0
⇒ Broadcast-Id 155.20.255.255

⑥ 188.30.5.2
⇒ Class: Ⓑ
⇒ Networking-Id: 188.30.0.0
⇒ Subnet-Id: 255.255.0.0
⇒ Broadcast-Id: 188.30.255.255

⑦ 140.40.40.5

⇒ Class: Ⓑ
⇒ Network-Id: 140.40.0.0
⇒ Subnet-Id: 255.255.0.0
⇒ Broadcast-Id: 188.40.255.255

⑧ 155.50.45.10
⇒ class: Ⓑ
⇒ Network-Id: 155.50.0.0
⇒ Subnet-Id: 255.255.0.0
⇒ Broadcast-Id: 155.50.255.255

⇒ Network Ⓒ problem (192- 223)
⑨ 200.30.5.1
⇒ class: Ⓒ
⇒ Network-Id: 200.30.5.0
⇒ Subnet-Id: 255.255.255.0
⇒ Broadcast-Id: 200.30.5.255

(10) 210. 20. 5. 5

=> Class; ©

=> Network-Id; 210. 20. 5. 0

=> Subnet-Id; 255. 255. 255.0

=> Broadcast-Id; 210. 20. 5. 255

(11) 220. 10. 50. 1

=> Class; ©

=> Network-Id; 220. 10. 50. 0

=> Subnet-Id; ~~220. 10. 50~~ 255. 255. 255. 0

=> Broadcast Id 220. 10. 50. 255

(12) 219. 20. 3. 3

=> Class; ©

=> Network-Id; 219. 20. 3. 0

=> Subnet-Id; 255. 255. 255.0

=> Broadcast-Id; 219. 20. 3. 255