WEEK 2 - PRACTICE QUIZ ANSWERS

The Network Layers

Practice Quiz : The Network Layer

1) Please select all of the valid IP addresses. Check all that apply.

   a) **192.168.1.1**

   b) **8.8.8.8**

2) How many IP address does a class C network have - **254 addresses**

Practice Quiz : Subnetting

1) What does CIDR stand for - **Classless Inter- Domain Routing**
2) Which of the following is a correct form of CIDR notation - **192.168.1.0/24**
3) How many octets does a subnet mask have - **4**

Practice Quiz : Routing

1) Select examples of routing protocols. Check all that apply
   a) **Routing Information Protocol**
   b) **Border Gateway protocol**
2) Who is permitted to use non-routable address space - **Anyone**
3) A typical routing table may contain which of the following ? Check all that apply - **Destination Network, Total hops**