1. A host in your network has been assigned an IP address of 192.168.181.182 /25. What is the subnet to which the host belongs?	A. 192.168.181.128 /25 B. 192.168.181.0 /25 C. 192.168.181.176 /25 D. 192.168.181.192 /25 E. 192.168.181.160 /25
2. Which of the following is not the valid host IP that does not belong to the subnet 100.100.1.128/25.	A. 100.100.1.127 B. 100.100.1.129 C. 100.100.1.254 D. 100.100.1.130
3. What is the range of assignable IP addresses for a subnet containing an IP address of 172.16.1.10 /19?	A. 172.16.0.1 – 172.16.31.254 B. 172.16.0.1 – 172.16.63.254 C. 172.16.0.0 – 172.16.31.255 D. 172.16.0.1 – 172.16.31.255 E. 172.16.0.0 – 172.16.63.254
4. You are assigning IP addresses to hosts in the 192.168.4.0 /26 subnet. Which two of the following IP addresses are assignable IP addresses that reside in that subnet?	A. 192.168.4.63 B. 192.168.4.62 C. 192.168.4.32 D. 192.168.4.64 E. C and D
5. You are a network administrator and you are asked to develop an IP addressing plan with 192.20.20.0/24 to allow the maximum number of subnets with as many as 50 hosts each. Which IP address range meets these requirements?	A. 192.20.20.0/27 B. 192.20.20.0/26 C. 192.20.20.0/29 D. 192.20.20.0/28 E. 192.20.20.0/25