My PC's Internet & Gateway

1. Among the following statements on Subnets and Subnet Masks, which is **incorrect**?

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100%

The Internet is divided into subnets, which are divided into smaller subnets
The subnet size can be found from the Subnet Mask
Subnet Masks are used in routing to determine which interface a packet needs to be sent to reach its destination
IPv4 Subnet Masks are 128 bits

1/1 point

- 2. Among the following statements on DNS (Domain Name Server), which is **incorrect**?
 - DNS converts IP addresses in to hostnames
 - Preferred DNS server is the main DNS server used on a computer
 - Alternate DNS server is the backup DNS server (to the Preferred DNS server) used on a computer
 - www.google.com and www.facebook.com are hostnames



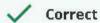
✓ Correct

- 3. Among the following statements on DHCP (Dynamic Host Configuration Protocol), which is **incorrect**?
 - For DHCP to work, a local DHCP server must exist
 - DHCP is the dedicated Internet router that will send and receive all Internet IP packets for a computer
 - O DHCP is used for IPv4 and IPv6 connections
 - The DHCP Server assigns an IP address, subnet mask, IP address of the DNS server, and more



4. Ar	nong the follow	ing statements	on the effectiveness	of DHCP	, which is incorrect ?
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- DHCP enables a small number of IP addresses to support many computers
- Only a computer that needs an Internet connection is assigned an IP address, and after the Internet connection ends, the IP address is returned to the DHCP server
- OHCP helps to solve the serious shortage problem of IPv6 addresses
- OHCP is automatic, thus it is used on most smartphones and smart devices



5.	For	or IP Gateway and subnet configurations, which of the following is incorrect ?				
	0	Among the IP addresses of a subnet, commonly the Network Destination is assigned the lowest IP address				
	0	Among the IP addresses of a subnet, commonly the Broadcast IP address is the highest IP address				
	(1)	Classful addresses are commonly used to represent the network destination IP address and subnet mask				
	0	Among the IP addresses of a subnet, commonly the Gateway interface is assigned the second highest IP address				
	,	✓ Correct				

6.	In DHCP operations, which of the following is commonly not managed by the DHCP server?				
	Name of the user of the computer				
	Information of the computer (client device)				
	O Default Gateway				
	O Domain Name				
	O Name Server				
	O Time Server				
	✓ Correct				

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