What happens when u put the internet wire in the pc and open browser to write google.com?

OSI Model:

- 1- From Physical layer, send data on the physical wire.
- 2- From Data link layer, reads the MAC address from data packet.
- 3- From Network layer, reads the IP address from the packet.
- 4- From Transport layer, responsible for the transport protocol and err handling.
- 5- From Session layer, establishes connections between two hosts.
- 6- From Presentation layer, formats the data so that it can be viewed by user.
- 7- From Application layer, service that are used with user application. explaining: once i put the cable on the pc , i got my MAC address, then i got my ip from the DHCP(dhcpDiscovery-dhcpOffer-dhcpReq-dhcpAck), then i go to google through the transport layer by using tcp and https(browser asks dns server about google ip browser req secure https from web server respond with ssl cert send encrypted symmetric key with public key decrypt with private key communication)
- What are routing protocols?
 OSPF, RIP, IGRP, EIGRP, BGP
- What can you do with SMB?
 enumeration for shares files.
- What is port 445,139?
 SMB
- What is port 88?
 Kerberos
- What can you do with SNMP[161 port]?
 check for configuration files , check if can change values may lead to RCE