When every machine in a network can act as both a client and a server, what is the network model called? (Peer-to-peer)

Which was the first network to implement the TCP/IP protocol suite? ARPANET

Which of the following protocols are in the transport layer of the TCP/IP reference model. TCP/UDP

Select the OSI layer that establishes and maintains a logical connections between application programs on different computers. Session Layer

DNS primarily uses which of the following transport layer protocols? UDP

What is the domain name of the host with the IP address 150.203.163.2? bar.anu.edu.au

What is the IP address of an authoritative name server for [www.hotmail.com](http://www.hotmail.com)? 65.55.117.17

What does the BSSID field in a wireless network represent? Access point strength

What is the purpose of a routing table?  Describe how IP packets are passed from an input line to an output line.

Give an example of a wireless technology used for Personal Area Networks. Bluetooth

How can a browser check if a cached page is still valid? Perform a conditional GET

Which protocol is used by a mail client to send mail? SMTP

Select one advantage of using a reverse proxy. Can be used for load balancing.

Which of the following is a layer 2 network device? Bridge

What is an advantage of RTP over UDP for VOIP communication? Sequencing

As defined in Roger's slides, which of the following is not a typical social media activity? Multicasting

Select all threats to your passwords (multiple selections possible). Guessing, Phishing, Interception

Why is P2P attractive (multiple selections possible)? Reduced dependence on devices and networks, Improved scalability

In relation to your use of mobile devices, identify all Safeguards you can use to protect the Security of your personal data and your funds (multiple selections possible). Access control, Encryption, Malware detection, Training, Patching

What is an example of a DoS Attack?  Many pings

Select consumer risks with using the cloud (multiple selections possible).  Availability, Data integrity, Consumer protection, Data security

In the ACS Code of Ethics, which among the following has the lowest priority? The image of the profession and the society

An example of an active attack is: Denial of service

Digital signature using RSA provides the following service:  authentication

When signing a message using RSA, which key is used? sender's private key

How many keys are used in a symmetric key algorithm? 1

Select one issue with symmetric key cryptosystems.  Not very convenient as pre-established common key required

How many bits are in a DES key? 56 bits

When encrypting a message using RSA, which key is used? receiver's public key\

When decrypting an encrypted message using RSA, which key is used? receiver's private key