

# Informal Quiz 2

True or False?

T F

- The IP checksum covers the entire IP datagram
- Application protocols are responsible for mapping names to addresses. IP deals only with IP addresses.
- A destination host is guaranteed to process any data gram of size 576 octets or less
- IP options are of fixed length in the header
- The header length field uses units of 4-octets while the total length field uses units of 1-octet.
- All IP options are copied upon fragmentation into all the fragment headers.
- Network Transmission order of bytes is big Endian which means that the order of byte transmission is the same order as you would read them in English
- The checksum field is the 16-bit two's complement of the one's complement sum of all 16-bit words in the header.
- IP options are used for gaining additional efficiency periodically during transmission.

Marks = Correct Answers \_\_\_\_\_ - Incorrect Answers \_\_\_\_\_ = \_\_\_\_\_  
Rensselaer Shivkumar Kalyanaraman

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- ✓ The IP checksum covers the entire IP datagram
- ✓  Application protocols are responsible for mapping names to addresses. IP deals only with IP addresses.
- ✓  A destination host is guaranteed to process any data gram of size 576 octets or less
- ✓ IP options are of fixed length in the header
- ✓  The header length field uses units of 4-octets while the total length field uses units of 1-octet, and the fragment offset field uses units of 8-octets.
- ✓ All IP options are copied upon fragmentation into all the fragment headers.
- ✓  Network Transmission order of bytes is big Endian which means that the order of byte transmission is the same order as you would read them in English
- ✓ The checksum field is the 16-bit two's complement of the one's complement sum of all 16-bit words in the header.
- ✓ IP options are used for gaining additional efficiency periodically during transmission.

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