# 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 _____ = ______

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√ ❑ 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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