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PALESTINE POLYTECHNIC UNIVERSITY
COMPUTERS AND PROGRAMMING PRINCIPLES
HW#2 -- FALL 2016

Name: _____

Q1) State whether each of the following statements is **TRUE** or **FALSE**.

	Statement	TRUE / FALSE
[1]	The IP Adress 203.10.312.55 is a correct network address.	F
[2]	Fiber Optics transmission media uses electro-magnetic waves to transmit data.	F
[3]	The way by which devices are connected physically is called a Protocol.	F
[4]	A Hub is an intelligent switch.	F
[5]	A MAC address changes when moving from network to another network.	F
[6]	A network existing within the same building can be called a MAN.	F
[7]	A Peer-to-Peer network has a central administration and security system.	F
[8]	A Modem is mainly used to connect two separate networks together.	F
[9]	A firewall may be a software that monitors ingoing/outgoing network traffic.	T
[10]	An IP usually represented as three decimal dotted numbers.	F

Q2) Write the full name of the following abbreviations (what each initial stands for?):

- a) ADSL: Assmetric digital subscriber line
- b) TCP/IP: Transmission Control Protocols / Internet protocols
- c) P2P: Peer - to - Peer
- d) LAN: Local Area Network
- e) NIC: Network Interface Card
- f) ISP: Internet service Provider

Q3) Complete the following statements correctly:

- a) The amount of information that can be transmitted over a network in a given time is called: Band width
- b) A host is any device connected to the network and can send/receive information on that network.
- c) fiber optic media uses glass or plastic fiber to carry information as light pulses.
- d) A WAN connects multiple networks that are in geographically separated locations.
- e) The set of rules governing correct communication between different parties on a network is called a Protocols.

Q4) Name five network intermediary devices.

- 1) Modem
- 2) Switch
- 3) Router
- 4) Access point
- 5) wireless Router