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Universidad Nacional Autónoma de México
Redes de datos seguras
CCNA Módulo 1

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I. Resuelve las siguientes preguntas tipo examen de certificación

1. Which two statements about the purpose of the OSI model are accurate? (Choose two)
   A. Defines the network functions that occur at each layer
   B. Facilitates an understanding of how information travels throughout a network
   C. Changes in one layer do not impact other layer
   D. Ensures reliable data delivery through its layered approach
   Answer: A & B

2. What is the primary function of a Layer 3 device?
   A. to analyze traffic and drop unauthorized traffic from the Internet.
   B. to transmit wireless traffic between hosts.
   C. forward traffic within the same broadcast domain.
   D. to pass traffic between different networks.
   Answer: D

3. What are two functions of a server on a network? (Choose two)
   A. runs applications that send and retrieve data for workstations that make requests
   B. achieves redundancy by exclusively using virtual server clustering
   C. housed solely in a data center that is dedicated to a single client
   D. runs the same operating system in order to communicate with other servers
   E. handles requests from multiple workstations at the same time.
   Answer: A & E

4. The SW1 interface g0/1 is in the down/down state. Which ~~two~~ configuration~~s~~ are valid reasons for the interface conditions?
   A. There is a duplex mismatch
   B. There is a speed mismatch
   C. There is a protocol mismatch
   D. The interface is shut down
   Answer: D