Form Title: **ITN Chapter 5 Exam**

Form ID: **26645**

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| 8 | 209824 | Refer to the exhibit. PC1 issues an ARP request because it needs to send a packet to PC2. In this scenario, what will happen next?? | The exhibit shows a network topology. PC1 and PC2 are connected to the Fa0/1 and Fa0/2 ports of the SW1 switch, respectively. SW1 is connected through its Fa0/3 port to the Fa0/0 interface of the RT1 router. RT1 is connected through its Fa0/1 to the Fa0/2 port of SW2 switch. SW2 is connected through its Fa0/1 port to the PC3. |
| 14 | 207267 | Refer to the exhibit. The exhibit shows a small switched network and the contents of the MAC address table of the switch.  PC1 has sent a frame addressed to PC3. What will the switch do with the frame? | A topology has four PCs connected to one switch. PC labeled PC1 has MAC address 12-34-56-78-9A-BC and is connected to port 4 on the switch. PC labeled PC2 has MAC address 12-34-56-78-9A-BD and is connected to port 3 on the switch. PC labeled PC3 has MAC address 12-34-56-78-9A-BE and is connected to port 2 on the switch. PC labeled PC4 has MAC address 12-34-56-78-9A-BF and is connected to port 1 on the switch. Next to the topology is a table. The table title is MAC Address Table Column one heading is Port. Column two heading is MAC Address Row one column one contains the number 1 Row one column two contains 12-34-56-78-9A-BF Row two column one contains the number 3 Row two column two contains 12-34-56-78-9A-BD |
| 23 | 207694 | Open the PT Activity. Perform the tasks in the activity instruction and then answer the question.  What destination address will PC1 include in the destination address field of the Ethernet frame that it sends to PC2? | Packet Tracer Activity |