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Huawei H19-301 V4.0

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Topic Break Down

Topic	No. of Questions
Topic 1, Huawei IP Network Solution	3
Topic 2, Huawei IP Network Products	10
Topic 3, Huawei IP Network Solution Design	10
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QUESTION NO: 1

A retail organization uses both broadband Internet and MPLS links at its branches. It wants payment traffic to use the link that currently provides the required application experience. Which activities are required when designing the SD-WAN application-aware routing policy? (Select three)

- A. Identify critical applications and classify their traffic.
- B. Define acceptable latency, packet-loss, and jitter thresholds for important applications.
- C. Measure the quality of available WAN paths continuously.
- D. Replace all existing WAN links with a single Internet connection.
- E. Disable encryption for traffic that uses the preferred path.

ANSWER: A B C

Explanation:

An application-aware routing policy requires identification of critical applications, definition of acceptable service-level thresholds, and measurement of WAN-link quality indicators such as latency, packet loss, and jitter. These inputs allow the SD-WAN solution to select an appropriate path when network conditions change. Replacing every existing link with one transport type is not a prerequisite and reduces the value of using multiple underlay links.

QUESTION NO: 2

A university wants faculty, student, and guest users to access different services across multiple buildings. The customer does not want to build separate physical networks for each user group, and policies must remain effective when users move between access locations. Which campus-network capability best addresses this requirement?

- A. Use a VXLAN-based campus fabric with logical network segmentation and centralized policy control.
- B. Place all users in one campus VLAN and differentiate services only by IP address range.
- C. Build an independent physical access network for each user group.
- D. Assign a static route for each user group on every access switch.

ANSWER: A

Explanation:

A VXLAN-based campus fabric can create logically separate virtual networks over shared physical infrastructure. Combined with centrally defined user and service policies, it supports network segmentation without requiring a separate physical network for every group. A flat VLAN design or isolated physical cabling for every user group would be less flexible and more difficult to scale.