

## Question: 1

In the access network technology, which of the following access methods can provide the highest access bandwidth?

- A. XG-PON mode
- B. ADSL mode 2+ mode
- C. VDSL mode
- D. GPON mode

**Answer: A**

## Question: 2

Are the following statements correct? In the GPON network, when the T-CONT type is Type 1, the system will only reserve the specified bandwidth for the service.

- A. True
- B. False

**Answer: A**

## Question: 3

Regarding the T-CONT of ONT, the following statement is wrong:

- A. One ONU/ONT can contain multiple T-CONTs
- B. T-CONT 1 carries OMCI channel
- C. Upstream bandwidth is allocated based on T-CONT. Different services generally use different T-CONT
- D. A GEM Port can carry one or more service streams as a service channel.

**Answer: B**

## Question: 4

In the GPON network, there is a long-light emitting ONT, what impact will it have?

- A. All businesses are operating normally without impact
- B. Other ONTs under the same PON port are offline
- C. Other ONTs under the same OLT are offline

D. All of the above

**Answer: B**

### Question: 5

What is the maximum physical transmission distance supported by GPHF in the GPON system?

- A. 10 km
- B. 20 km
- C. 60 km
- D. 40 km

**Answer: D**

### Question: 6

The subnet mask 0.0.0.0 cannot exist in the routing table.

- A. True
- B. False

**Answer: B**

### Question: 7

In the GPON network, what management protocols are running between the OLT and the ONT?

- A. OM management
- B. OAM management
- C. OMCI management
- D. DHCP management

**Answer: C**

### Question: 8

Which of the following is not part of the PON network?

- A. OLT equipment

- B. OAM
- C. ODN
- D. ONU equipment

**Answer: B**

### Question: 9

Regarding 802.1Q, the following statement is wrong:

- A. The TPID value in the 802.1Q Ethernet frame structure is 8100
- B. Theoretically, the value range of VLAN ID is 0~4095
- C. There are only 4 VLAN priorities in the 802.1Q Ethernet frame structure
- D. 802.1Q Ethernet frames are 4 times longer than ordinary Ethernet frames.

**Answer: C**

### Question: 10

In order to realize the user-level traceability of Internet services, as well as more fine-grained user and business QoS control and management, PUPSPV (per user per business per VLAN) of Internet services is planned. The recommended VLAN attribute for SVLAN on the OLT is \_\_?

- A. Smart
- B. Normal
- C. QinQ
- D. Stack

**Answer: D**