

# Huawei

## H12-461\_V1.0

HCIE-Data Center Facility Design (Written) V1.0

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# Latest Version: 6.0

## Question: 1

During the selection of a chilled water system, it is crucial to consider the \_\_\_\_\_ of the components.

Response:

- A. color
- B. brand
- C. reliability
- D. shape

**Answer: C**

## Question: 2

Why is it important to accurately calculate the load when selecting chilled water units?

Response:

- A. To minimize operational costs
- B. To ensure color uniformity
- C. To maximize noise output
- D. To comply with local fashion trends

**Answer: A**

## Question: 3

The cooling load estimation should be based on \_\_\_\_\_ data to ensure accuracy.

Response:

- A. theoretical
- B. estimated
- C. actual measured
- D. randomly selected

**Answer: D**

### Question: 4

When evaluating potential sites for a data center, which factor is most important for ensuring data security?

Response:

- A. Proximity to power sources
- B. Natural disaster risk assessment
- C. Availability of high-speed internet
- D. Local regulatory compliance

**Answer: D**

### Question: 5

How should a data center's cooling load be calculated?

(Choose Two)

Response:

- A. Based on the maximum expected ambient temperature
- B. Based on the total floor area of the data center
- C. Based on the heat output of the IT equipment
- D. Based on the type of flooring used

**Answer: A,C**

### Question: 6

What factors should be considered when selecting chilled water units for a data center?

(Choose Three)

Response:

- A. Brand popularity
- B. Capacity and efficiency
- C. Compatibility with existing systems
- D. Noise levels
- E. Color of the units

**Answer: B,C,D**

### Question: 7

Considerations for selecting chilled water pumps include which of the following?

(Choose Three)

Response:

- A. Pump efficiency
- B. Ability to match the data center's interior design
- C. Compatibility with the chiller capacity
- D. Durability and reliability
- E. Operational noise levels

**Answer: A,C,D**

### Question: 8

What are important considerations when selecting a cooling tower for a data center?

(Choose Two)

Response:

- A. Color of the tower
- B. Thermal efficiency and capacity
- C. Integration with other cooling infrastructure
- D. Noise generation

**Answer: B,C**

### Question: 9

In the data center evaluation model, which metric is most indicative of a data center's energy efficiency?

Response:

- A. Uptime
- B. PUE (Power Usage Effectiveness)
- C. MTBF (Mean Time Between Failures)
- D. Latency

**Answer: B**

### Question: 10

Which of the following best describes the relationship between DCIM systems and IT Service Management (ITSM) systems?

Response:

- A. DCIM systems operate independently of ITSM systems with no overlap
- B. DCIM systems are a component of ITSM systems
- C. DCIM systems can integrate with ITSM systems to enhance overall IT operations and infrastructure management
- D. ITSM systems are generally phased out when DCIM is introduced

**Answer: C**

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