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**OpenTelemetry Certified Associate**



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## **Product Version**

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# Latest Version: 6.0

## Question: 1

Which parameters can be set using environment variables to configure an OpenTelemetry SDK?  
(Choose two)

Response:

- A. Service name
- B. Sampling rate
- C. Exporter endpoint
- D. Collector scaling

**Answer: A,C**

## Question: 2

What is a common use case for extending OpenTelemetry APIs?

Response:

- A. Adding encryption to telemetry data
- B. Defining custom attributes for traces
- C. Managing collector instances
- D. Scaling the pipeline for high availability

**Answer: B**

## Question: 3

Which of the following are true about context propagation in OpenTelemetry?

(Choose two)

Response:

- A. It helps link spans across distributed services.
- B. It secures telemetry data during transmission.
- C. It uses W3C Trace Context headers.
- D. It processes spans in the collector pipeline.

**Answer: A,C**

### Question: 4

What is the purpose of the resource attribute in OpenTelemetry SDK configuration?

Response:

- A. To define service-level metadata
- B. To specify the sampling strategy
- C. To allocate memory for telemetry data
- D. To configure collector endpoints

**Answer: A**

### Question: 5

Which component in the OpenTelemetry Collector is responsible for modifying telemetry data before exporting it?

Response:

- A. Exporter
- B. Processor
- C. Receiver
- D. Loader

**Answer: B**

### Question: 6

Which semantic convention attributes are associated with HTTP telemetry?

(Choose two)

Response:

- A. http.method
- B. http.client\_ip
- C. http.payload
- D. http.server\_path

**Answer: A,B**

### Question: 7

How can OpenTelemetry Collector ensure reliable error handling in telemetry pipelines?

Response:

- A. Enable automatic retries for failed exports.
- B. Configure batch processors to discard failed data.
- C. Redirect errors to a dead-letter queue.
- D. Halt the pipeline when any error occurs.

**Answer: C**

### Question: 8

Why is schema management critical in observability pipelines?

Response:

- A. It minimizes data transmission costs.
- B. It ensures compatibility between telemetry producers and consumers.
- C. It eliminates the need for exporters.
- D. It simplifies the use of multiple processors.

**Answer: B**

### Question: 9

What are the key benefits of using telemetry data in observability systems?

(Choose two)

Response:

- A. Faster detection of system anomalies
- B. Improved system security through encryption
- C. Detailed insights into application performance
- D. Automatic recovery from application crashes

**Answer: A,C**

### Question: 10

What is the purpose of the W3C Trace Context standard in OpenTelemetry?

Response:

- A. To enable distributed tracing across different vendors
- B. To define collector pipeline structure

- C. To secure telemetry data in transit
- D. To monitor collector health

**Answer: A**

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