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Exam : **C1000-166**

Title : IBM Cloud Professional
Developer v6

Vendor : IBM

Version : DEMO

NO.1 Which IBM Cloud service enhances troubleshooting container-based applications running on IBM Cloud Kubernetes Service?

- A. Activity Tracker
- B. Security and Compliance Center
- C. Log Analysis
- D. Continuous Deployment

Answer: C

NO.2 What are the two default states of an event in IBM Cloud Monitoring?

- A. Inactive or Resolved
- B. Opened or Closed
- C. Triggered or Completed
- D. Active or OK

Answer: D

NO.3 Which IBM Cloud service helps manage secure key storage and encryption?

- A. IBM Key Protect
- B. IBM Cloud Databases
- C. IBM Cloud Functions
- D. IBM Cloud Satellite

Answer: A

NO.4 Which tool automates the building and deployment of an application onto IBM Cloud while also incorporating sequences of stages that retrieve input and run jobs such as builds, tests, and deployments?

- A. Policies
- B. Gates
- C. Pipelines
- D. DevOps Insights

Answer: C

NO.5 With IBM Cloud Container Registry, how is high availability achieved?

- A. Users need to configure disaster recovery across multiple regions
- B. It is load balanced across multiple regions
- C. Container images are replicated to an in-region IBM Cloud object storage bucket
- D. It is load balanced across multiple availability zones

Answer: D

NO.6 What is a primary feature of IBM Cloud DevOps toolchains?

- A. They only support proprietary tools
- B. They provide full integration with external CI/CD tools like Jenkins
- C. They are limited to code management
- D. They require manual configuration for each pipeline

Answer: B

NO.7 Which IBM Cloud features support developers in building cloud-native applications?

(Choose two)

- A. IBM Cloud Foundry
- B. IBM Watson Text to Speech
- C. IBM Cloud Functions
- D. IBM Log Analysis

Answer: A,C

NO.8 Which IBM Cloud service is used for managing continuous delivery toolchains?

- A. IBM Cloud Kubernetes Service
- B. IBM Cloud Continuous Delivery
- C. IBM Watson Assistant
- D. IBM Cloud Functions

Answer: B

NO.9 What is the primary purpose of IBM Cloud Container Registry?

- A. To provide a managed Kubernetes service
- B. To store and manage container images securely
- C. To deploy applications using serverless computing
- D. To manage virtual machines on the cloud platform

Answer: B

NO.10 Which DevOps Insights feature would help a developer ensure that implemented builds will not pass if they do not meet certain thresholds or pass specific tests?

- A. Issue Tracker
- B. Policies
- C. Gates
- D. Code Risk Analyzer

Answer: C

NO.11 What is a key feature of deploying an application using IBM Cloud Kubernetes Service?

- A. Built-in serverless computing
- B. Managed container orchestration with Kubernetes
- C. Limited scalability
- D. No integration with Red Hat OpenShift

Answer: B

NO.12 Which IBM Cloud service enables developers to run containerized applications?

- A. IBM Cloud Kubernetes Service
- B. IBM Cloud Satellite
- C. IBM Cloud Functions

D. IBM Cloud Virtual Servers

Answer: A

NO.13 What types of monitoring can be used to achieve comprehensive coverage for applications on IBM Cloud?

- A. Metrics, Alert, and Synthetic Logging**
- B. Metrics, Alert, and Synthetic Logging only**
- C. Metrics, Logging, and Synthetic monitoring**
- D. Logging, Alert, and Synthetic monitoring only**

Answer: A

NO.14 What is a key aspect of application security in IBM Cloud?

- A. Implementing security only in the production environment**
- B. Regularly updating the application without considering security patches**
- C. Encrypting data in transit and at rest**
- D. Storing sensitive information in plain text**

Answer: C

NO.15 Which IBM Watson services provide AI-driven features for IBM Cloud applications?
(Choose two)

- A. IBM Watson Assistant**
- B. IBM Watson Natural Language Understanding**
- C. IBM Cloud Functions**
- D. IBM Cloud Kubernetes Service**

Answer: A,B

NO.16 What is the role of service accounts in container security within a Kubernetes cluster?

- A. To manage access controls for Kubernetes resources**
- B. To securely store and manage encryption keys for data protection**
- C. To define the runtime environment for containers**
- D. To provide authentication credentials to applications running in containers**

Answer: D

NO.17 What fundamental concept of IBM Cloud Schematics allows you to apply changes to your cloud resources consistently and repeatedly?

- A. Automation templates**
- B. Infrastructure as Code (IaC)**
- C. Continuous Deployment pipelines**
- D. Serverless computing**

Answer: B

NO.18 What are the features and benefits of IBM Cloud for Cloud developers?
(Select all that apply)

- A.** Support for multiple programming languages and frameworks
- B.** Automated infrastructure provisioning with no manual intervention
- C.** Fully managed Kubernetes-based container service
- D.** Serverless computing platform for event-driven functions

Answer: A,C,D