**1. What is Istio primarily used for?**

A. Monitoring disk space  
B. Managing container runtimes  
C. Managing microservices traffic and security  
D. Building container images

**2. Which component of Istio is responsible for configuring and propagating policies?**

A. Envoy  
B. Mixer  
C. Pilot  
D. Galley

**3. What is the role of Envoy in Istio?**

A. Acts as a control plane  
B. Serves as a data plane proxy  
C. Manages container orchestration  
D. Stores configuration files

**4. Which component replaced Pilot, Galley, and Citadel in newer versions of Istio?**

A. Kiali  
B. Istiod  
C. Mixer  
D. Zipkin

**5. What does Istio use for traffic routing and load balancing?**

A. Kubernetes Scheduler  
B. Linkerd  
C. Envoy Proxy  
D. Docker Swarm

**6. How does Istio achieve mutual TLS between services?**

A. Using Kubernetes Secrets  
B. With Citadel and Envoy  
C. Through Docker volumes  
D. With HashiCorp Vault

**7. What is a VirtualService in Istio?**

A. A deployment for microservices  
B. A service in a virtual machine  
C. A CRD that defines how requests are routed to services  
D. A component for monitoring

**8. What is the purpose of a DestinationRule in Istio?**

A. To specify DNS names for services  
B. To define routing rules  
C. To configure policies like load balancing, TLS settings, etc.  
D. To install Istio in a cluster

**9. Which of the following is NOT a feature of Istio?**

A. Traffic management  
B. Security  
C. Service discovery  
D. Persistent storage

**10. Which tool provides observability (metrics, tracing, and logging) in Istio?**

A. Grafana  
B. Kiali  
C. Jaeger  
D. All of the above