1. **Why do we use replica sets? Check all that apply.**

**Ans:-**

a) High availability

b) Durability

c) Scaling in some situations

d) Disaster recovery

**2. Which of the following are true about replication in MongoDB?**

**Ans:-**

a) Works on a commodity hardware

b) Supports a model of replication with a single primary and multiple

secondaries

d) Works across wide area networks

e) Provides eventual consistency

**3. Imagine a replica set with 5 servers. What is the minimum number of servers (assume each server has 1 vote) to form a consensus?**

**Ans:-** b) 3

**4. Why do we give replica sets names?**

**Ans:-**

b) Having a single name to refer to a set reduces confusion and human error.

**5. What does optimeDate represent?**

**Ans:-**

b) The time of the last operation

**6. Which command prevents a node from becoming primary for 5 minutes?**

**Ans:-**

a) rs.stepDown(300)

b) rs.freeze(300)

**7. When a primary goes down and is brought back online, it will always**

**resume a primary status:**

**Ans:-** b) False

**8. What are good reasons to read from a secondary? Check all that apply.**

**Ans:-**

a) Geographic reads (latency)

b) Separate a workload (analytics/reporting)

c) High availability (during a failover)

**9. For ‘reads’ which among the following must be consistent, which read**

**preference(s) is used?**

Ans:- a) Primary