

## Worksheet 3 Machine Learning

### Q1 to Q12

1. D
2. A
3. A
4. D
5. A
6. C
7. D
8. A
9. A
10. A
11. A
12. B

### Q13 to Q14

13. Clustering provides failover support in two ways:  
Load redistribution: When a node fails, the work for which it is responsible is directed to another node or set of nodes. Request recovery: When a node fails, the system attempts to reconnect MicroStrategy Web users with queued or processing requests to another node.
14. Graph-based clustering performance can easily be improved by applying ICA blind source separation during the graph Laplacian embedding step. Applying unsupervised feature learning to input data using either RICA or SFT, improves clustering performance.