

Hadoop Execution Environment

1.

Apache Spark cannot operate without YARN



True



False

2.

Apache Tez can support dynamic DAG changes



True



False

3.

Give an example of an execution framework that supports cyclic data flow



MapReduce



Tez



Spark

4.

The Fairshare scheduler can support queues/sub-queues



True



False

5.

The Capacity Scheduler can use ACLs to control security



True



False

6.

Mark choices that apply for Apache Spark:



Can run integrated with YARN



Supports in memory computing



Cannot handle cyclic data flows



Can be accessed/used from high level languages like Java, Scala, Python, and R.

7.

Which of the following choices apply for Apache Tez



Supports complex directed acyclic graph (DAG) of tasks



Supports cyclic data flows



Supports in memory caching of data



Improves resource usage efficiency