

Session 2: Hadoop

Framework Description

Assignment 1

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*Assignment 1 – Try the given quiz questions and provide the answers in a word document.*

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**1. Introduction**

In this assignment you need to select one right choice for the questions given on the topics discussed in the second session.

**2. Objective**

This assignment will help you to consolidate the concepts learnt in the session 2.

**3. Prerequisites:**

None

**4. Associated Data Files**

None

**5. Problem Statement:**

**1. Concept used in Hadoop is:**

a. Divide and conquer b. Map and Reduce

c. On demand data

d. None of these

**Solution: b**

**2. Hadoop divides data into:**

a. Blocks b. Parts

c. Chunks

d. All the above

**Solution: a**

**3. Each node results are stored in:**

a. HDFS

b. Local disk

c. Cloud storage d. None of these



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| **Solution: a** | **A C A D G I L D** | **Page 3** |  |
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**4. Which of these can be related to Hadoop 1.x?**

a. Job Tracker, Task Tracker, Namenode & Datanode b. Job process, Task process, Name cluster

c. Data cluster, Task cluster, Name node

d. Job process, Task process, Name node & Data node

**Solution: a**

12. Who is the Master in Hadoop?

1. Namenode b. Datanode c. Every node d. All the above

**Solution: a**

**5. Who are the job trackers in Hadoop?**

a. Slaves

b. Masters

c. Both of these d. None of these

**Solution: b**

**6. Which node stores the metadata?**

a. NameNode

b. Check point Node

c. Secondary NameNode d. Backup Node

**Solution: a**

**7. Which is not a valid Daemon in Hadoop?**

a. NameNode

b. Secondary NameNode c. Checkpoint Node

d. DataNode

**Solution: None of the above**

**8. By default, memory size of Data nodes is limited to?**

a. 32MB b. 64MB c. 128MB d. b & c



**Solution: b**

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**9. Slave layer in Hadoop Architecture contains:**

a. Name Node & Resource Manger b. Data nodes & Node Manager

c. Name Node & Node Manager

d. Data nodes & Resource Manager

**Solution: d**

**10. Data is replicated among:**

a. Name nodes b. Data nodes

c. Both of these

d. None of these

**Solution: b**

**6. Expected Output**

None.

**7. Approximate Time to Complete Task**

15 mins



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