

**Assignment No. 1**

**Course Code: ECAP456**

**Registration Number: \_\_\_\_\_**

**Instructions:**

- a. Attempt all questions given below in your own handwriting. Assignment in typed format will not be considered for evaluation.**
- b. The student has to complete the assignment in the allocated pages only. Any other page in case utilized shall not be considered.**

**Q1. Why is Hadoop important? Write down the challenges of using Hadoop?]**

**[10 Marks] [CO2, L1]**

**Signature of the Student \_\_\_\_\_ Page 1 of 2**

**Note:-**

**CO: is the Course Outcome as per your course syllabus.**

**L1-L6: Learning level objectives as per Revised Bloom Taxonomy (RBT).**

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**Q2. Hadoop File System was developed using distributed file system design. Write down features and HDFS architecture.**

**[10 Marks][CO2, L1]**

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