

**MCA-III Sem. (2<sup>nd</sup> Year)      BIG DATA ( MCA-315 )**

***Time :01:00 Hrs.]***

***[Maximum Marks : 09***

**Note:** Attempt Any Three Questions. All Questions Carry Equal Marks (03).

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**Q.1:- What is pig?** Explain execution model of Pig in comparison with databases.

**Q.2:-** What is utility of spark in Hadoop? Explain.

**Q.3:-** What is HiveQL? Explain Hive data types.

**Q.4:-** What is SCALA? Explain.

**Q.5:-** What is no-sql? Explain MongoDB.

**Q.6:-** What is replication? Explain master – slave replication and peer – peer replications.

**Q.7:-** Write short notes on **Any One** of the followings :-

(A) Hbase

(B) pig latin

(C) Cassandra

(D) Zookeeper