

Roll No.....

Total No. of Printed Pages: 1

Total No. of Questions: [09]

BCA (Semester – 6th)
BIG DATA
Subject Code: BCAP1662
Paper ID: [160130]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a. What is Big Data?
- b. What is Map Reduce?
- c. What is HDFS?
- d. Define ETL.
- e. What is Hadoop Partitioner?
- f. What is YARN?
- g. What is real time data streaming?
- h. What is the security problem in big data?
- i. What is FLUME?
- j. What is the Role of PIG in Hadoop?

Section – B

(5 marks each)

- Q2. Explain four V's of Big Data.
- Q3. Explain various data types used in Big Data.
- Q4. Differentiate HDFS & NoSql.
- Q5. Explain Big Data Workflow.
- Q6. Write a short note on Clustering.

Section – C

(10 marks each)

- Q7. Draw and explain the components of Hadoop Ecosystem.
- Q8. What is the role of Big Data in human life? What are the advantages & disadvantages of Big Data?
- Q9. Explain the term Predictive Analysis. Explain various types of Predictive Analysis.