



# **SATHYABAMA**

**INSTITUTE OF SCIENCE AND TECHNOLOGY**

**(DEEMED TO BE UNIVERSITY)**

**Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE**

**www.sathyabama.ac.in**

## **ASSIGNMENT- I**

**Program : BE / BTECH**

**Max. Marks : 15**

**Course : BIG DATA ANALYTICS**

**Course Code : SCSA1603**

**Sem : VI**

**Batch : 2019 – 2023**

**Due Date : 09/01/2022**

## **PART – A**

### **MCQS / FILL UPS**

**5 X 1 = 5**

1. \_\_\_\_\_ is a collection of data that is huge in volume, yet growing exponentially with time.
2. The size of data in Big Data is of \_\_\_\_\_ bytes.
3. The types of Big Data are \_\_\_\_\_.
  - a. Structured Data
  - b. Semi-Structured Data
  - c. Unstructured Data
  - d. All of the above
4. What are the main components of Big Data?
  - a. MapReduce
  - b. HDFS
  - c. YARN
  - d. All of these
5. What are the different features of Big Data Analytics?
  - a. Open-Source
  - b. Scalability
  - c. Data Recovery
  - d. All the above

## **PART – B**

### **SHORT QUESTIONS**

**5 X 1 = 5**

1. Define Big Data.
2. What are the 7 V's of big data?

3. What is Intelligent Data Analysis?
4. List out the Big Data Analytics Tools.
5. Why we need Sampling Distribution in Big Data Analytics?

**PART – C**

**BIG QUESTION`**

**1 X 5 = 5**

1. Explain in detail about the various tools of Big Data Analytics Tools.