Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ Total No. of Pages : 01

Total No. of Questions : 08

M.Tech. (CSE) / (AI)   (Sem.–3)
# BIG DATA ANALYTICS
## Subject Code : MTAI-PE13-20
## M.Code : 92895
## Date of Examination : 16-12-22

Time : 3 Hrs.                                                     Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**
**1.Attempt any FIVE questions out of EIGHT questions.**
**2.Each question carries TWELVE marks.**

l.    What is Big Data and what are the most important applications of data analytics in healthcare?

2.    What are Big Data technologies? Explain the concept of hadoop.

3.    What is NoSQL and its types?

4.    What is the working principle of Map Reduce and its components?

5.    What are different data formats available in Hadoop? Explain.

6.    What are MapReduce types? Which input format and output format is mostly used in MapReduce?

7.    What is HBase explain data model of HBase? What are the HBase clients give some examples?

8.    What is Pig Latin explain? How do you write a Pig Latin script?

**NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.**