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Total No. of Pages : 01

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M.Tech. (Computer Science & Engineering) (2018 Batch E-I) (Sem.-1)

DATA SCIENCE

Subject Code : MTCS-108-18

M.Code : 75158

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWELVE marks.

Q1. Define Data Science. Explain Data Science process.

Q2. Explain the various components of Data Science in detail.

Q3. Explain the Data Science Life Cycle process in detail.

Q4. What are the various sources of data collection? How the data is collected and stored?

Q5. What are APIs? Describe data storage and management in detail.

Q6. What is the use of Statistics in data analysis? How central tendencies help in data analysis?

Q7. What is sampling? Explain its various types.

Q8. Write a note on analysis techniques used in data science.

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