ADITYA DEGREE COLLEGE

TADEPALLIGUDEM

I YEAR B.Sc II-SEMESTER – MID 1 EXAMINATIONS

INTRODUCTION TO DATA SCIENCE & R PROGRAMMING

Date:　　　　　　　　　　　　　　　　　　　　　*Max Marks:60M*

SECTION - A

I　Answer the FIVE of the following Questions　　　5 x 4 = 20 M

1.　Define Data Science. Explain three benefits of Data Science.

2.　Define Big Data and Explain 3v's of Big Data.

3.　Explain Applications of Data Science.

4.　Explain Setting the research goal in Data Science process.

5.　Explain Data preparation. Breifly.

6.　Explain read table () in detail.

7.　Explain about Data retriving in Brief.

8.　Explain features of R programming ?

SECTION – B

II　Answer the following Questions　　　　　　　4 x 10 = 40 M

9.　a) Explain benefits and applications of Big data.

　　　　　　　　　　(Or)

　　b) Explain R data types and R data structures.

10.　a) Explain exploratory Data analysis in detail.

　　　　　　　　　　(Or)

　　b) Explain about the Reader package in detail.

11.　a) Explain about the modeling process.

　　　　　　　　　　(Or)

　　b) Define Machine learning and its types.

12.　a) Explain facets of data.

　　　　　　　　　　(Or)

　　b) Explain Data modeling in detail.

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