

**Date: 29-01-2021.**

**Course: IV-B.TECH,I-SEM,MID-I BRANCH: IT**

**Subject: DATA ANALYTICS Duration: 1.30 min**

**Date: 09-09-24 max marks: 25**

# PART-A

**I answer all the below questions each question carry two marks. 5\*2=10**

**BTL CO**

* 1. Explain in brief about 1 1
     1. Primary source of data
     2. Secondary source of data
  2. What is data management and its types? 2 1
  3. What is data analytics? What are its types? 1 2
  4. Write a note on various types of variables in data analytics? 2 2
  5. Define regression? 1 3

# PART-B

**II. Answer any three questions from the following 5\*3=15**

# BTL CO

6. Explain about data architecture? And how to manage the data? 2 1

(OR)

1. What is data quality? Explain about noise, outliers, missing values? 1 1
2. Explain about following tools 2 2
   1. R
   2. PYTHON

(OR)

1. What is data modeling? What are its uses? Explain in detail about data modelling

techniques. 2 2

1. Explain data modeling techniques? 2 3

(OR)

1. Define regression ? Briefly explain the concepts of regression 1 3

**SCHEME OF EVALUATION**

**Part –A**

| **SNO** | **THEORY** | **MARKS** | **TOTAL** |
| --- | --- | --- | --- |
| **1** | Explain in brief about   * + 1. Primary source of data     2. Secondary source of data | **1**  **1** | **2** |
| **2** | What is data management and  its types | **1**  **1** | **2** |
| **3** | What is data analytics?  What are its types | **1**  **1** | **2** |
| **4** | Write a note on various types of variables in data analytics | **2** | **2** |
| **5** | Define regression? | **2** | **2** |

**Part –B**

| **SNO** | **THEORY** | **MARKS** | **TOTAL** |
| --- | --- | --- | --- |
| **6** | Explain about data architecture? And how to manage the data? | **5** | **5** |
| **7** | What is data quality?  Explain about noise, outliers, missing values? | **2**  **3** | **5** |
| **8** | Explain about following tools   * 1. R   2. PYTHON | **2.5**  **2.5** | **5** |
| **9** | What is data modeling?  What are its uses?  Explain in detail about data modeling techniques | **1**  **2**  **2** | **5** |
| **10** | Explain data modeling techniques | **5** | **5** |
| **11** | Define regression ?  Briefly explain the concepts of regression | **2**  **3** | **5** |