

# **V Semester B.C.A Degree Examination, January-2024**

## **Data Analytics**

### **(NEP Scheme)**

#### **Model-2**

**Time: 2 1/2 Hours**

**Maximum Marks :60**

#### **Instruction to Candidates:**

Answer any **Four** question from each Part

#### **Part-A**

**Answer any Four questions. Each question Carries 2 marks.**

**(4 x 2 =8)**

- 1.What is Diagnostic Analytics?
2. Mention types of data analytics.
3. Define Z-test in hypothesis testing?
4. What is Central tendency.
5. What is the use of Power BI?
6. Define term “survey “.

#### **Part-B**

**Answer any Four questions. Each question Carries 5 marks.**

**(4 x 5 =20)**

7. Explain business life cycle in data analytics.
8. Explain data analytics uses with an example.
9. Prove Baye’s theorem.
10. Explain the Microsoft’s Power BI basic tool.
11. Explain Analysis of variance (ANOVA) in details.
- 12.Explain visualization techniques for Spatial Data in data analytics.

#### **Part-C**

**Answer any Four questions. Each question Carries 8 marks.**

**(4 x 8 =32)**

13. Explain in detail about business application of data analytics. (8)
14. Explain standard Mean, correlation coefficient and Probable error with example (8)
15. Explain Logistic Regression and Linear Regression in details. (8)
16. Explain the data visualization approaches with a real example in details. (8)
17. Explain the various stages involved in case study? (8)
18. write a case study on amazon data analytics with an example. (8)