

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

Data Analytics

(NEP Scheme)

Model-1

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 data?
2. Define data analytics.
3. Define T-test in hypothesis testing?
4. Define the term “Correlation Coefficient”.
5. What is the event space in probability?
- 6.What is rnultivariate?

Part-B

Answer any Four questions. Each question Carries 5 marks.

(4 x 5 =20)

7. Explain data analytics tools in Business.
8. Explain Predictive Analytics with an example.
9. Explain types of hypothesis testing in data analytics.
10. Explain the Microsoft’s Power BI tool.
11. State and Prove Baye’s theorem.
12. Distinguish between qualitative and quantitative 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 descriptive analytics with an example. (8)
15. Explain standard deviation and correlation coefficient. (8)
16. Explain the data visualization methods with an example in details. (8)
17. Discuss the different types of case study. (8)
18. write a case study on YouTube data with an example. (8)