

**Third Semester FYUGP Degree (Reg) Examination November
2025****KU3VACCAP103 - INTRODUCTION TO DATA
ANALYTICS**

2024 Admission onwards



Time : 1.5 hours

Maximum Marks : 50

Section A**Answer any 6 questions. Each carry 2 marks.**

1. Write any four features of data analytics
2. What is the role of data scientists
3. Give two examples of public datasets.
4. Mention one advantage and one disadvantage of manual data collection.
5. What is Median?
6. What does A/B testing help determine?
7. How descriptive analytics differ from predictive analytics?
8. Name one way data can be used to improve a product.

Section B**Answer any 4 questions. Each carry 6 marks.**

9. Find mean, median and mode of the following values. X: 10, 20, 30, 40, 10, 21.
10. What are the different types of correlation
11. Describe the features of normal and skewed distributions with diagrams?
12. How predictive analytics helps industries to make better decisions?
13. Explain three benefits of case studies in healthcare for patients
14. What types of data do companies commonly collect?

Section C**Answer any 1 questions. Each carry 14 marks.**

15. Explain Prescriptive Analytics
16. Identify and explain four causes of missing data.