

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

B.M.S COLLEGE FOR WOMEN
BENGALURU – 560004

V SEMESTER END EXAMINATION – JAN/FEB- 2024

B.Voc. I.T. - DATA ANALYTICS
(NEP Scheme 2021-22 Onwards)

Course Code: BVIT5DSC14
Duration: 2 ½ Hours

QP Code: 5049
Max. Marks: 60

Instructions: Answer all the sections.

SECTION - A

Answer any TEN questions. Each question carries TWO marks. (10X2=20)

1. What are data analytics?
2. Define diagnostic data analytics.
3. Mention applications of data analytics.
4. What are predictive data analytics?
5. Define statistics.
6. Using a four die, what is the probability of rolling 4?
7. What is event space in probability?
8. List two difference between disjoint event and complementary event.
9. What is normal distribution?
10. Mention the two advantages of Power BI.
11. Define M languages.
12. What is data analysis expression?

SECTION – B

Answer any FIVE questions. Each question carries FOUR marks. (5X4=20)

13. Describe data warehousing.
14. Explain life cycle of data analytics.
15. Differentiate between data science and data analytics.
16. State and prove Bayes theorem.
17. Explain conditional probability with an example.
18. Calculate the median of 16, 35, 99, 24, 12, 46.
19. Explain the architecture of Power BI. With diagram.

SECTION – C

Answer any TWO questions. Each question carries TEN marks.

(2X10=20)

20. What is business analytics and explain how it is different from data analytics with an example.
21. Give a short note on following terms.
- a. Experiment
 - b. Event
 - c. Outcomes
 - d. Trial
 - e. Sample space
22. Explain type of probability with an example.
23. Write a case study on amazon data analytics with an example.

BMSCW LIBRARY