



K26U 0828

Reg. No. : .....

Name : .....

**Second Semester B.B.A./B.B.A.(AAM/RTM)/B.B.A. (Hospital  
Administration) Degree (C.B.C.S.S. – O.B.E.-Supplementary)  
Examination, April 2026  
(2020 to 2023 Admissions)  
Complementary Elective Course  
2C03BBA/BBA(RTM/AAM)/BBH : QUANTITATIVE TECHNIQUES FOR  
BUSINESS DECISIONS**

Time : 3 Hours

Max. Marks : 40

SECTION – A

Answer **all** questions. **Each** question carries 1 mark.

1. Define Quantitative Techniques.
2. What is a random experiment ?
3. What is a Type I error ?
4. Write the sample space for tossing a coin twice.
5. If  $P(A) = 0.3$ , find  $P(A')$ .
6. What is a standard normal variate ?

(6×1=6)

SECTION – B

Answer **any six** questions. **Each** question carries 2 marks.

7. Explain the limitations of quantitative techniques.
8. Define conditional probability.
9. State properties of the binomial distribution.
10. If  $P(A) = 0.5$ ,  $P(B) = 0.4$ ,  $P(A \cap B) = 0.2$ , find  $P(A \cup B)$ .
11. A die is thrown once. Find the probability of getting a number divisible by 3.
12. Explain the level of significance.
13. What is the Poisson distribution ? State its uses.
14. What is hypothesis testing ?

(6×2=12)

P.T.O.

