



Seat No. \_\_\_\_\_

BACHELOR OF COMPUTER APPLICATION-CS Examination  
BCA SEMESTER-1 JANUARY 2025 ( Regular ) JANUARY - 2025

CS-07 MATHEMATICS IN ANCIENT INDIA: EXPLORING THE RICH HERITAGE OF VEDIC MATHEMATICS

Faculty Code : 017

Subject Code : 24CS-BCAP-IK-01-01007

Time : 1 Hours]

[Total Marks : 25

- Q.1 (A) Write a note on Varahmihira.  
Q.1 (B) Write a note on Aryabhata.

OR

- Q.1 (A) Write a note on Bhaskara.  
Q.1 (B) Write a note on Brahmagupta.

- Q.2 (A) Write a note on C. R. Rao.  
Q.2 (B) Write a note on D. R. Kaprekar.

OR

- Q.2 (A) Write a note on Satyendranath Bose.  
Q.2 (B) Write a note on P. C. Mahalanobis.

- Q.3 Write a note on Vedic Mathematics and its Historical Background.  
OR

- Q.3 Explain any Five out of 16 Sutra Formulas of Vedic Mathematics.