



24CS-BCAP-IK-01-01007

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

BACHELOR OF COMPUTER APPLICATION-CS Examination

BCA - CS SEMESTER-1 JANUARY 2026 ( NEP ) JANUARY - 2026

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 Attempt any two of the following. 10
- (1) Explain contributions of Aryabhata with influence & legacy.
  - (2) Write down short note on Varahamihira.
  - (3) Write down short note on Brahma Gupta.
  - (4) Explain Life time & contribution of Bhaskarachary.
- Q.2 Attempt any two of the following. 10
- (1) Write down short note on Satyendranath Bose.
  - (2) Write down short note on D.R.Kaprekar.
  - (3) Explain Life time, carrier & legacy of C.R.Rao.
  - (4) Write a note on Shakuntala Devi.
- Q.3 Attempt any one of the following. 5
- (1) What is Vedic mathematics? Write down benefits of Vedic Mathematics.
  - (2) Write down 16 Sutras & 13 Upsutras used in Vedic Mathematics.

::: END OF EXAM :::