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: EXPLORINGTHE 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 :::

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