



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.

- (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 Bhaskaracharya.

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Q.2 Attempt any two of the following.

- (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.

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Q.3 Attempt any one of the following.

- (1) What is Vedic mathematics? Write down benefits of Vedic Mathematics.
- (2) Write down 16 Sutras & 13 Upsutras used in Vedic Mathematics.

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::: END OF EXAM :::

