

Ba/Bs/Mat-101 (AK)

2 0 1 9

(1st Semester)

MATHEMATICS

Paper No. : MAT-101

(Calculus—I and Algebra—I)

(PART : A—OBJECTIVE)

(Marks : 25)

KEY ANSWERS FOR OBJECTIVE

SECTION—I

(Marks : 10)

Put a Tick (✓) mark against the correct answer in the
brackets provided : 1×10=10

1. (c)

2. (c)

3. (b)

4. (b)

5. (c)

(2)

- 6. (a)
- 7. (c)
- 8. (d)
- 9. (a)
- 10. (b)

SECTION—III

(Marks : 5)

Fill in the blanks :

1×5=5

1. $-\frac{1}{x^2}$

2. $\log \frac{3}{2}$

3. $\sqrt{x^2 - 1} + \log |x + \sqrt{x^2 - 1}| + c$

4. 4

5. 2
