

Ba/Bs/Mat-101 (AK)

2 0 2 1

(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. (d)
2. (c)
3. (b)
4. (c)
5. (c)

(2)

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

SECTION—II

(Marks : 10)

State whether the following statements are *True* or *False* by putting a Tick (✓) mark. Give a brief justification (any *five*) :

2×5=10

- 1. *True*
- 2. *False*
- 3. *True*
- 4. *True*
- 5. *False*
- 6. *True*

(3)

SECTION—III

(Marks : 5)

Fill in the blanks :

1×5=5

1. Negative
2. $\frac{(\log x)^1}{2x}$
3. $f(b) f(a)$
4. symmetric
5. 4
