

Ba/Bs/Mat-401 (AK)

2 0 2 4

(4th Semester)

MATHEMATICS

Paper : Mat-401 (P and H)

(Advanced Calculus—II and Analytical Geometry)

KEY ANSWERS FOR OBJECTIVES

(PART : A—OBJECTIVE)

(Marks : 25)

SECTION—I

(Marks : 10)

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

1. (c)

2. (a)

3. (c)

4. (c)

5. (c)

6. (d)

/601K

(2)

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

SECTION—II

(Marks : 5)

Fill in the blanks :

1×5=5

1. normals
2. node
3. c, arbitrary constant
4. ellipse
5. parallel to x -axis

SECTION—III

(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)

3. *False*

4. *True*

5. *False*

6. *True*

7. *True*

8. *True*
