

Ba/Bs/Mat-401 (AK)

2 0 1 7

(4th Semester)

MATHEMATICS

Paper No. : Mat-401

(Advanced Calculus—II and Analytical Geometry)

KEY ANSWERS FOR THE OBJECTIVE

(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. (a)

2. (a)

3. (c)

4. (b)

5. (d)

/421K

(2)

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

SECTION—II

(Marks : 5)

Fill in the blanks :

1×5=5

1. $4\left(\frac{a^2}{b} - \frac{b^2}{a}\right)$

2. $\frac{3}{2}\pi a^2$

3. $\frac{1}{x}$

4. $y + 4 = 0$

5. x -axis
