

Ba/Bs/Mat-401 (AK)

2 0 2 2

(4th Semester)

MATHEMATICS

Paper : Mat-401

(Advanced Calculus—II and Analytical Geometry)

KEY ANSWERS FOR OBJECTIVES

SECTION—I

(Marks : 10)

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

1. (b)

2. (c)

3. (c)

4. (a)

5. (b)

6. (a)

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(2)

7. (c)

8. (b)

9. (b)

10. (a)

SECTION—II

(Marks : 5)

Fill in the blanks :

1×5=5

1. normals

2. $r = ce^{\cot}$

3. $\frac{1}{y^2}$

4. $gx + fy = 0$

5. $\sqrt{u^2 + v^2 + w^2} = d$
