

**Ba/Bs/MAT/M1 (AK)**

**2 0 2 4**

( FYUGP )

( 1st Semester )

**MATHEMATICS**

( Minor )

Paper Code : MAT/M1

( **Calculus** )

**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. (d)

2. (a)

3. (d)

4. (a)

5. (b)

/114K

( 2 )

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

SECTION—II  
( Marks : 5 )

Fill in the blanks :

1×5=5

- 1. negative reals
- 2. [1, 5]
- 3.  $\frac{1}{(x \log x)^1}$
- 4.  $e^x f(x) \quad c$
- 5. removable discontinuity of first kind

★ ★ ★