

Ba/Bs/Mat-501 (Sup) (AK)

2 0 2 1

(5th Semester)

MATHEMATICS

Paper : MAT-501

(**Mechanics—I and Numerical Methods**)

KEY ANSWERS FOR OBJECTIVES

(PART : A—OBJECTIVE)

(*Marks* : 25)

SECTION—I

(*Marks* : 10)

A. Choose and write the correct answer from the options provided : 1×10=10

1. (c)
2. (a)
3. (b)
4. (a)
5. (b)
6. (b)
7. (c)
8. (c)
9. (a)
10. (a)

(2)

SECTION—II

(Marks : 5)

B. Fill in the blanks :

1×5=5

1. two
2. central orbit
3. central difference operator
4. independent

5. $\sqrt{1 - \frac{1}{4} \cdot 2}$
