

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

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(5th Semester)

MATHEMATICS

Paper No. : MAT-501

(Mechanics—I and Numerical Methods)

KEY ANSWERS FOR OBJECTIVES

(PART : A—OBJECTIVE)

(Marks : 25)

SECTION—I

(Marks : 10)

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

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

(2)

SECTION—II

(Marks : 5)

B. Fill in the blanks :

1×5=5

1. $x = a \cos(\sqrt{\mu}t)$
2. apsidal distance
3. constrained motion
4. $E = 1 + \Delta$
5. constant

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