

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

2 0 2 4

(5th Semester)

MATHEMATICS

Paper No. : MAT-501 (P&H)

(Mechanics—I and Numerical Methods)

KEY ANSWERS FOR 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. (b)
2. (d)
3. (b)
4. (a)
5. (b)
6. (b)
7. (d)
8. (c)

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(2)

- 9. (a)
- 10. (d)

SECTION—II

(Marks : 5)

Fill in the blanks :

1×5=5

- 1. 9.8 m / S^2
- 2. time period
- 3. plane
- 4. constant
- 5. linear

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SECTION—III

(Marks : 10)

State whether the following statements are *True* or *False* by putting a Tick (✓) mark with brief justification (any *five*) :

2×5=10

- 1. True
- 2. False
- 3. True
- 4. False
- 5. True
- 6. False
- 7. True
