

**Ba/Bs/Mat-601 (AK)**

**2 0 2 2**

( 6th Semester )

**MATHEMATICS**

Paper : MAT-601

**( Mechanics—II and Vector Analysis )**

**KEY ANSWERS FOR OBJECTIVES**

SECTION—I

( Marks : 10 )

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

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

**/390K**

( 2 )

SECTION—II

( Marks : 5 )

Fill in the blanks :

1×5=5

1. Negative
2. Rotation
3.  $2a /$
4. Solenoidal
5.  $\int_S \text{curl } \vec{F} \cdot \hat{n} \, ds$

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