

**Ba/Bs/Mat-301 (AK)**

**2 0 1 7**

( 3rd Semester )

**MATHEMATICS**

Paper No. : MAT (P&H)-301

**( Advanced Calculus-I and Higher Trigonometry )**

**KEY ANSWERS FOR OBJECTIVES**

SECTION—I

( Marks : 10 )

Put a Tick  mark against the correct answer in the box  
provided :

1×10=10

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

/86K

( 2 )

SECTION—II

( Marks : 5 )

Fill in the blanks :

1×5=5

1.  $\frac{\pi}{32}$

2.  $\cos \theta \pm i \sin \theta$

3.  $\log 3 + i\pi$

4.  $\pi$

5.  $x^2 - 5x + 6 = 0$

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