

**BCA/MAT : 101 (O) (AK)**

**2 0 2 5**

( 1st Semester )

**BACHELOR OF COMPUTER APPLICATIONS**

Paper : MAT:101 (Old Course)

**( Mathematics—I )**

( PART : A—OBJECTIVE )

( Marks : 20 )

**KEY ANSWERS FOR OBJECTIVES**

1. Choose the most appropriate answer from the given options by putting a Tick (✓) mark in the brackets provided : 1×10=10

(a) (iii)

(b) (i)

(c) (ii)

(d) (i)

(e) (i)

(f) (iii)

( 2 )

(g) (iii)

(h) (iii)

(i) (i)

(j) (iii)

2. State whether the following statements are *True* or *False* by putting a Tick (✓) mark.  $1 \times 5 = 5$

(a) *True*

(b) *False*

(c) *False*

(d) *False*

(e) *True*

3. Fill in the blanks with appropriate words :  $1 \times 5 = 5$

(a)  $\frac{1}{x}$

(b)  $e^x$

(c)  $\sec^2 x$

(d)  $\cos x$

(e)  $\frac{1}{x^2}$

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