

**Bs/Chem-501 (OC) (Sup) (AK)**

**2 0 2 2**

( 5th Semester )

**CHEMISTRY**

Paper No. : CHEM-501

**( Organic Chemistry )**

( Old Course )

**KEY ANSWERS FOR OBJECTIVES**

( 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-Chlorobutanoic acid
2. (a)  $\text{CH}_3\text{COCH}_2\text{COOC}_2\text{H}_5$
3. (b) functional isomerism
4. (c)  $-\text{COOH}$

**/441K**

( 2 )

5. (c) covalent bond
6. (a) base
7. (c) six-membered ring
8. (a) sucrose
9. (b) Na and K salts of fatty acids origin
10. (c) triglycerides

SECTION—III

( Marks : 5 )

Write *True* or *False* against each statement in the brackets provided : 1×5=5

1. True
2. True
3. True
4. False
5. True

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