

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

**2 0 2 1**

( 5th Semester )

**CHEMISTRY**

Paper : CHEM-501

( **Organic Chemistry** )

**KEY ANSWERS FOR OBJECTIVES**

( PART : A—OBJECTIVE )

( Marks : 25 )

SECTION—I

( Marks : 10 )

Choose and write the correct answer from the options provided : 1×10=10

1. (a) acid halide
2. (b) 2,4-Dimethylpentanenitrile
3. (a) 1° amines
4. (d) reductive amination
5. (c) C—Li
6. (a)  $\text{ClCH}_2\text{COOC}_2\text{H}_5$
7. (c) D-arabinose

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( 2 )

8. (a) mutarotation
9. (a) orientation of amino acid
10. (d) All of the above

SECTION—III

( Marks : 5 )

Fill in the blanks with suitable answers :

1×5=5

1. -elimination
2. tertiary alcohol
3. galactose
4. acidic
5. dipolar ion

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