

Bs/Chem-601 (AK)

2 0 2 4
(6th Semester)

CHEMISTRY

Paper : Chem-601

(Physical Chemistry)

(Theory)

(PART : A—OBJECTIVE)

(Marks : 25)

KEY ANSWERS FOR OBJECTIVES

SECTION—I

(Marks : 10)

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

1. (d) All of the above
2. (b) Langmuir adsorption isotherm
3. (d) intermolecular force
4. (a) 1
5. (c) van't Hoff equation

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(2)

6. (a) the product of concentrations of hydrogen and hydroxide ions in water at equilibrium
7. (a) Surface tension
8. (c) Dielectric constant, polarizability and refractive index
9. (c) Transitions between electronic states without emission of photons
10. (b) Chemical reactions initiated by light

SECTION—III

(Marks : 5)

State whether the following statements are *True* or *False* by putting a Tick (✓) mark : 1×5=5

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