#### T.Y.B.Sc. Semester 5 Mock Exam Question Paper

#### Chemistry Paper I - Physical Chemistry

#### Multiple Choice Questions

- Q1 Vapour pressure of a liquid solvent ......when a non volatile solute is 1M dissolve in it.
  - a) Increase
  - b) Decrease
  - c) no change
  - d) Expand
- O2 Raoult's law is expressed by......

a) 
$$\underline{P}^{\alpha} - \underline{P} = X_2$$

c) 
$$P - P^0 = X_2$$

$$d) \underline{P \cdot P^{\circ}} = X$$

- O3 .....is used in Rast method because it has a high value of K<sub>1</sub>.
  - a) Camphor
  - b) Bi phenyl
  - c) Naphthalene
  - d) Sodium chloride
- Q4 Boiling point elevation of the solution ΔT<sub>b</sub> is given as.......
  - a)  $\Delta T_b = T T_o$
  - b)  $\Delta T_b = T_o T$
  - c)  $\Delta T_{t_0} = T + T_0$
  - d)  $\Delta T_b = T \times T_0$
- Q5 The unit for activation of energy is \_\_\_\_\_
  - a) kJ mof<sup>-1</sup>
  - b) kJ К-<sup>1</sup>
  - c) kJ K-1 mol-1
  - d) kJ R-<sup>1</sup>

# **Physical Chemistry Multiple Choice Questions**

**Clifford Lane** 

Physical Chemistry Multiple Choice Questions:

Unveiling the Power of Verbal Art: An Psychological Sojourn through Physical Chemistry Multiple Choice Questions

In a world inundated with screens and the cacophony of fast communication, the profound power and mental resonance of verbal art frequently diminish in to obscurity, eclipsed by the constant assault of sound and distractions. Yet, nestled within the musical pages of **Physical Chemistry Multiple Choice Questions**, a interesting perform of literary brilliance that pulses with fresh feelings, lies an remarkable journey waiting to be embarked upon. Penned by way of a virtuoso wordsmith, that exciting opus courses visitors on a psychological odyssey, lightly revealing the latent potential and profound influence embedded within the complex internet of language. Within the heart-wrenching expanse with this evocative examination, we can embark upon an introspective exploration of the book is key styles, dissect its interesting writing fashion, and immerse ourselves in the indelible impact it leaves upon the depths of readers souls.

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