

ONLINE ASSIGNMENTS: PEr. 3rd SEM.
CHEMISTRY.

Mode of Submission: email ID \Rightarrow serskb@gmail.com.

Students should send their answers to the WhatsApp NO/email ID mentioned along with their names, classes, RollNO.s.

Questions ① to ⑤ carry ② marks each.

Q.1 Which of the following proteins are soluble in water?
a) Albumins. (b) Globulins. (c) Glutelins (d) Scleroproteins.

Q.2 Nucleoproteins, Lipoproteins, glycoproteins are examples of (a) Simple proteins, (b) conjugated proteins, (c) Derived proteins.

Q.3 In Biuret Tests for proteins, which solution is used? (a) Na_2SO_4 , (b) CuSO_4 , (c) Ca(OH)_2 (d) KCl .

Q.4 Peptide bonds are (a) Strong bonds, (b) weak bonds, (c) hydrogen bonds.

Q.5 Total no. of vibrations in allyl bromide $\text{CH}_2=\text{CH}\cdot\text{CH}_2\cdot\text{Br}$. are (a) 18, (b) 21 (c) 14 (d) 16.

Q.6 Explain Na^+/K^+ (Sodium-Potassium) Pump and its functions. (5)

Q.7 Write short notes on any two - (10)

- Role of Calcium and Magnesium in biological systems.
- Hemoglobin (c) Chlorophyll (d) Cytochrome.

Q.8. Define - (a) ATP, (b) Nucleotide (c) DNA (d) mRNA. (5)
Attempt any two of the above.