

**First Year M.Sc. MLT Degree Supplementary Examinations May 2018
(Biochemistry)**

PAPER – III VITAMINS AND HORMONES

Time: 3 hrs.

Max. marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(10x10 = 100)

1. Describe the action of peptide hormones
2. How do you evaluate autoimmune hypothyroidism
3. Enumerate the methods of cortisol estimation
4. Enumerate the anterior pituitary hormones and give an account of the disorders associated with their over secretion.
5. Discuss the chemistry source biochemical role and deficiency manifestations of thiamine
6. Describe the chemistry, sources, absorption biochemical functions and deficiency manifestations of vitamin B₁₂
7. Classify hormones based on their chemical nature
8. Mechanism of hormonal regulation in DM.
9. Describe the deficiency manifestations associated with adrenal medullary hormones
10. Discuss the degradation of catecholamines and add a note on the estimation of their urinary metabolites.
