

July 2019

18PHD005

# BLDE (DEEMED TO BE UNIVERSITY)

Pre – Ph.D Course Work Examination

Paper II: BACKGROUND PAPER (BIOCHEMISTRY)

QP CODE - 6016

Duration: 1 ½ Hrs

Max Marks: 50

I Answer the following

5 x 2 = 10 Marks

1. Functions of thyroid cells
2. Iodine pump
3. Myxoedema
4. LATS
5. Radio iodine uptake

II Answer ANY FOUR of the following

4 x 5 = 20 Marks

6. Transport and metabolism of thyroid hormones
7. Write briefly on intrinsic auto regulatory process
8. Write briefly on goiter
9. Write briefly on thyroid hormone thermogenesis
10. Describe briefly on control of TSH secretion

III Answer ANY TWO of the following

2 x 10 = 20 Marks

11. Describe briefly on transport and metabolism of thyroid hormones
12. Describe briefly on ELISA technique
13. Describe briefly on regulation of thyroid secretion