

18PHD007 July 2019

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. What is Thrombosis?
2. Define Creatinine clearance
3. Explain e - GFR
4. What is Cystatin C
5. Define IGT

II Answer ANY FOUR of the following

4 x 5 = 20 Marks

6. Chronic Kidney Disease
7. Plasminogen activation pathway.
8. Renal function tests
9. HbA1c
10. Second messengers

III Answer ANY TWO of the following

2 x 10 = 20 Marks

11. Describe Urokinase receptor system
12. What is Dialysis? Enumerate types of Dialysis. Explain how does dialysis machine work? What are the complications associated with dialysis?
13. What is SuPAR . Explain its Molecular Characterization and add a note on its utilization in diagnosis.