

July 2019

18PHD001

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 Insulin Resistance?
2. Define Acute Kidney Injury
3. What is Fetuin A?
4. Function of Cystatin C
5. Explain IGT

II Answer ANY FOUR of the following

4 x 5 = 20 Marks

6. Gene expression
7. Inhibition of Insulin by Fetuin A
8. Homa – IR
9. e GFR
10. CKD

III Answer ANY TWO of the following

2 x 10 = 20 Marks

11. What is Glucose tolerance? How the Glucose tolerance Test is performed? Give The WHO and ADA Criteria for diagnosis of Diabetes Mellitus .
12. Complications of uncontrolled diabetes
13. Recent advances in molecular diagnostics.