

19PHD005

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 Metabolic Syndrome?
2. What do you mean by Metabolomics?
3. What is LADA?
4. Name two Insulin analogs.
5. Hormones secreted by pancreas.

II Answer ANY FOUR of the following

4 x 5 = 20 Marks

6. Describe effect of Insulin on Carbohydrate, Lipid and Protein Metabolism.
7. Nitric oxide.
8. Glucose transporters.
9. Continuous blood glucose monitoring.
10. Antioxidants in health and disease.

III Answer ANY TWO of the following

2 x 10 = 20 Marks

11. Describe etiopathogenesis, clinical features, diagnosis and management of Diabetes Insipidus.
12. Existing and emerging trends in Point of Care Testing (PoCT).
13. Explain principle, operational procedure and application of Chemiluminescence immunoassay.