

May-2013

BLDE UNIVERSITY

Pre – Ph.D. Course Work Examination

Paper II: Background Paper (General Medicine)

QP CODE - 6001

Duration: 1 ½ Hrs

Max Marks: 50

I Answer the following

5 x 2 = 10 Marks

1. What is the treatment of Latent Autoimmune Diabetes in adults?
2. Write in detail about “ Double Diabetes”
3. Uses of Etanercept.
4. Define Type 1, Type 1.5 and Type 2 diabetes.
5. Write detail about ZnT8 autoantibodies.

II Answer ANY FOUR of the following

4 x 5 = 20 Marks

6. Write cellular and humoral autoimmunity associated with latent autoimmune diabetes in adults
7. Write in detail genetic similarities between Latent Autoimmune Diabetes and Type 1 and Type 2 Diabetes.
8. Write in detail about β – cell function in LADA
9. Write role of Pro – and anti – inflammatory cytokines in latent autoimmune diabetes in adults, Type 1 and Type 2 diabetes patients.
10. What is the effect of human leukocyte antigen class II genes on acute – onset and slow onset Type 1 diabetes?

III Answer ANY TWO of the following

2 x 10 = 20 Marks

11. What are the protective effects of 1 – alpha – hydroxyvitamin D3 on residual beta – cell function in patients with adult – onset latent autoimmune diabetes (LADA)
12. Discuss clinical screening tool to identify autoimmune diabetes in adults.
13. Write in detail cellular interferon – γ and interleukin – 13 immune reactivity in Type 1, Type 2 and latent autoimmune diabetes.