

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**5x2=10 Marks**

1. What is the treatment to prevent progression of β -cell destruction in LADA?
2. What are the diagnostic criteria of latent autoimmune diabetes in adults (LADA)?
3. Define Type 1, type 1.5, and type 2 diabetes.
4. Write detail about ZnT8 autoantibodies.
5. What are the Adiponectin levels in people with Latent Autoimmune Diabetes

II Answer ANY FOUR of the following.**4x5=20 Marks**

6. What are the phenotypic consequences of the familial clustering of type1 and type2 DM?
7. Write in detail genetic similarities between Latent Autoimmune Diabetes and Type 1 and Type 2 Diabetes.
8. Write 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.**2x10=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. What are the global and societal implications of the diabetes epidemic?
13. Write in detail cellular interferon- γ and interleukin-13 immune reactivity in type 1, type 2 and latent autoimmune diabetes.