

May 2014

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. Write role of Glutamic Acid Decarboxylase Autoantibodies (GADA) and Islet cell Cytoplasmic Autoantibodies (ICA) in LADA.
2. Write in detail about “Double Diabetes”
3. What are the diagnostic criteria of latent autoimmune diabetes in adults?
4. What are the similarities between Latent autoimmune diabetes of adults and type 1 diabetes?
5. Write detail about ZnT8 auto antibodies.

II Answer ANY FOUR of the following.

4x5=20 Marks

6. What are the interventions for latent autoimmune diabetes (LADA) in adults?
7. What are the protective effects of 1-alpha-hydroxyvitamin D3 on residual beta-cell function in patients with adult-onset latent autoimmune diabetes (LADA).
8. What is the prevalence of Glutamic Acid Decarboxylase Autoantibodies in women who have had gestational diabetes?
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 immunological characteristics and islet function in first-degree relatives of latent autoimmune diabetes in adults?
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.