

[LE 0414]

APRIL 2014

Sub. Code: 2001

**FELLOWSHIP IN CLINICAL DIABETOLOGY**  
**FINAL YEAR**  
**(Candidates admitted 2012-213)**  
**PAPER I - BASIC SCIENCE AND LABORATORY IN DIABETES**

*Q.P. Code :232001*

**Time : 3 hours**

**Maximum : 100 marks**

**Answer All Questions**

**I. Elaborate on :**

**(2 X 20=40)**

1. Mention about different pathogenic mechanisms of Diabetic Complication.
2. Mention about Insulin structure, Biosynthesis and secretion.

**II. Write Short Notes on:**

**(10 X 6 = 60)**

1. Islet cell Antibody
2. Plasma Glucose Estimation
3. Ketone Bodies
4. Fructosamine
5. Pathogenesis of PCOS
6. Anatomy of Islet cells
7. Insulin Receptor
8. Micro-Albumin
9. Glycaemic Index
10. Inflammatory Markers

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