

[LN 1018]

OCTOBER 2018

Sub. Code: 2001

**FELLOWSHIP IN CLINICAL DIABETOLOGY EXAMS  
FINAL YEAR  
PAPER I – BASIC SCIENCES AND LABORATORY IN DIABETES**

*Q.P. Code : 232001*

**Time : Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss in detail about different pathogenic mechanisms of diabetic microvascular complications.
2. Discuss in detail about immuno-pathogenesis of type 1 diabetes and prevention strategies of type 1 diabetes.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Beta cell autoimmunity.
2. HOMA scores.
3. Neuropeptide Y.
4. GLUT Receptors.
5. Gluconeogenesis.
6. Lipotoxicity.
7. OSA and Glucose metabolism.
8. Ketone bodies.
9. Glycaemic Index.
10. Leprechaunism.

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