

DIPLOMA IN DIABETOLOGY (D.DIAB) EXAMINATION

APPLIED BASIC MEDICAL SCIENCES IN DIABETOLOGY

Q.P.Code: 343071

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Discuss in detail about Homeostasis of Hepatic glucose output. Mention all about its regulation.
2. Discuss in detail about etio-pathogenesis of Ketone bodies production and their implication in blood. How will you detect ketone bodies in blood and urine.

II. Write notes on:

(10X7=70)

1. Metabolic syndrome.
2. Glycosuria – Diabetic and non-Diabetic
3. Self Monitoring of Blood Glucose.
4. Islet cell antibodies.
5. Polyol pathway and its clinical implication.
6. Reverse cholesterol pathway.
7. Impaired glucose tolerance.
8. C-Peptide.
9. Animal models in Diabetes research.
10. Microscopic appearance of Diabetic Kidney disease.
