

150-NR

M.D. DEGREE EXAMINATION – APRIL, 2015

BIOCHEMISTRY

Paper-III : Hormones and Nutrition

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

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WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Fibre diet and its functions.
- 2) Role of insulin to maintain blood glucose level in well fed condition.
- 3) Biochemical basis, clinical and lab features of Wilsons disease.
- 4) Transmethylation reactions.
- 5) Mechanism of action of Steroid hormones.
- 6) Hormonal regulation of Menstrual cycle.
- 7) Function and deficiency features of Zinc.
- 8) Synthesis, secretion and functions of Thyroid hormones.
- 9) Nutritional indices to assess the Biological value of Proteins.
- 10) Hormonal interactions in Obesity.

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