

[LF 464]

AUGUST 2014

Sub. Code: 1464

**D.M. – ENDOCRINOLOGY**

**Paper IV – RECENT ADVANCES AND TRENDS IN ENDOCRINOLOGY**

*Q. P. Code: 161464*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer ALL questions in the same order.**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Emerging therapies for Diabetes.
2. Gut microbiota and Endocrinology.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Selective insulin receptor modulators.
2. Sclerostin Antagonists.
3. Calcimimetic agents.
4. Newer insulin analogues.
5. GLP -1 analogues and the pancreas.
6. Aquaretics.
7. Stem cells in Endocrinology.
8. GnRH Agonists.
9. Recombinant human TSH.
10. Sulphonylureas and ischaemic preconditioning.

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**Time : Three Hours**

**Maximum : 100 marks**

**Answer ALL questions**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Emerging therapies in the Management of Osteoporosis.
2. Molecular diagnostics for Thyroid Nodules.

**II. Write notes on :**

**(10 x 7 = 70)**

1. GLP - 1 analogues.
2. Artificial Pancreas.
3. Long acting Growth hormone Preparations.
4. Genetics of Pheochromocytoma.
5. Selective progesterone receptor modulator.
6. NAFLD.
7. New guidelines and classification of GDM.
8. GRASS – TRIAL (selenium supplementation in Graves hyperthyroid).
9. Ghrelin Agonist.
10. Alternative Approaches to thyroid gland surgery.

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