

Q.P. Code: 304379

Reg. No:.....

**Third Year M.Sc Medical Physiology Degree Regular/Supplementary
Examinations October 2024**

**Gastro Intestinal Physiology, Endocrine System, Reproductive System, Recent
Advances in Physiology**

Time: 3 hrs

Max. Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Describe the steps of biosynthesis of thyroid hormone. Explain the actions of thyroxine. Add a note on hypothyroidism in adults

Short Essays:

(8x10=80)

2. Describe the temporary methods of contraception in females
3. Explain the different stages of deglutition and the mechanisms involved in each stage.
4. Describe the actions of Vasopressin. Add a note on Diabetes Insipidus
5. Describe the digestion and absorption of Carbohydrates
6. Explain the phases of uterine cycle and its hormonal regulation.
7. Explain the functions of bile
8. Describe the actions of growth hormone. Add a note on physiology of growth
9. Describe the tests of ovulation
