

PAPER CODE: 1161

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002**

M.D/ M.S DEGREE EXAMINATIONS: OCTOBER 2025

**PHYSIOLOGY
PAPER – II**

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write an essay on the following:

10 X 10 = 100

1. Describe the mechanism of production of concentrated urine.
2. Discuss the importance of Tubuloglomerular feedback mechanism in the regulations of kidney function.
3. Enumerate the different Gastrointestinal hormones. Describe the function served by Gastrin, Cholecystokinin and Secretin.
4. Describe the type of movements of Large intestine and their function.
5. Describe the role of Neutrophil in body defence mechanism.
6. Discuss the various mechanisms to control bleeding following trauma.
7. Describe the actions, regulation of secretion of Glucocorticoids. Add a note on Cushing's syndrome.
8. Hypothalamic hypophyseal axis and its role in the regulations of anterior pituitary hormones secretion.
9. List the tests of Ovulation. Describe the interpretation of each on physiological basis.
10. Describe the source and actions of Testosterone in foetal life, at puberty and in adult life.
