

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination - 16-Nov-2019

Time: Three Hours**Max. Marks: 100 Marks****PHYSIOLOGY - PAPER – III****Q.P. CODE: 7417**

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions**10 X 10 = 100 Marks**

1. Discuss the mechanism of action, actions and regulation of glucocorticoid secretion. Mention indications and contra indications of corticoid use in clinical medicine.
2. Different phases of gastric juice secretion. Discuss briefly about Gastric function tests.
3. Aquaporins in health and disease
4. Mechanism of action of insulin, types of glucose transporters and their functions
5. Disorders of menstrual cycle and ovulation
6. Role of Proximal Tubule, Loop of Henle and Distal Tubule in urine formation
7. Mechanism of action and actions of testicular hormones
8. Physiological basis and application of kidney function tests
9. Digestion and absorption of Lipids
10. Somatomedins

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