

161-NR

M.D. DEGREE EXAMINATION – APRIL, 2013

SYSTEMIC PHYSIOLOGY

Paper-II : Blood, Digestion, excretion, endocrine including  
reproductive system

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

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WRITE SHORT ESSAYS ON THE FOLLOWING:

1. T - Lymphocytes
2. Gastrin
3. Describe the hormone acting on pancreatic secretion and its regulation
4. Indicators of ovulation and hormonal influence.
5. Mechanisms for production of sperms by testis
6. Describe clotting mechanism
7. Describe the phases of gastric acid secretion with experimental evidences.
8. Describe physiological action of thyroid hormones.
9. Explain the processes that are involved in the development of breast and production of milk.
10. Describe the functions of pineal gland.

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