

Q.P.CODE:168-NR

DR NTR UNIVERSITY OF HEALTH SCIENCES:: VIJAYAWADA

M.S. DEGREE EXAMINATION – **APRIL, 2018****GENERAL SURGERY**

Paper-I : Basic Medical Sciences as applied to General Surgery

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Discuss the various types of energy sources in surgery and their application
- 2) Classify wounds. Discuss the pathophysiology of wound healing and factors affecting wound healing.
- 3) Describe venous drainage of lower limb and management of varicose veins.
- 4) Discuss the anatomy of neck nodes and various types of neck node dissection
- 5) Describe development of rectum and anal canal, classification of (ARM) Ano-Rectal Malformation and its management.
- 6) Describe Surgical anatomy of Breast with special reference to lymphatic drainage
- 7) Discuss anatomy of spaces of hand with a note on management of hand infections
- 8) Write short notes on:
 - a) Metabolic Acidosis
 - b) Hyponatremia
- 9) Discuss Pathophysiology and management of septic shock
- 10) Discuss surgical site infection and antibiotic prophylaxis.

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M.S. DEGREE EXAMINATION – **APRIL, 2018****ORTHOPAEDICS**

Paper-I : Basic Medical Sciences