

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

M.S. DEGREE EXAMINATION – July 2020

GENERAL SURGERY

PART- II – PAPER- III: RECENT ADVANCES IN SURGERY

Time: Three hours

Maximum: 100 marks

(Answer **ALL** questions)

Draw suitable diagrams wherever necessary

SECTION – A

Write essays on:

(1 x 20 = 20)

1. Discuss the etiology and recent advances in the management of gastrointestinal bleeding.

Write short notes on:

(5 x 6 = 30)

2. Natural orifice transluminal endoscopic surgery.
3. Tumour markers.
4. BI- RADS grading.
5. Auto immune thyroiditis.
6. Neuroplasty.

SECTION – B

Write essays on :

(1 x 20 = 20)

7. Discuss the etiology, pathogenesis, clinical presentation and management of head and neck melanoma.

Write short notes on:

(5x 6 = 30)

8. Robotics in surgery.
9. Gene Therapy.
10. Carcinoid tumors.
11. Cholangiocarcinoma.
12. Disaster management.