

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

**M.S. DEGREE EXAMINATION - October 2018**

**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. Describe etiopathogenesis, clinical features and management of carcinoma pancreas. Discuss recent trends in increasing respectability rates in carcinoma pancreas.

**Write short notes on:**

**(5 x 6 = 30)**

2. Enhanced recovery program
3. Recent trends in management of fistula in Ano
4. Trans rectal ultrasound
5. Preoperative diagnosis in phyllodes tumor management
6. Gene therapy in cancer

**SECTION – B**

**Write essays on :**

**(1 x 20 = 20)**

7. Discuss etiology, classification and clinical features of renal stones. Discuss about role of extra corporeal shock wave lithotripsy in renal stones.

**Write short notes on:**

**(5x 6 = 30)**

8. Brachy therapy
9. Audit in surgery
10. Novel haemostatic agents
11. Assessment of IV fluids and electrolyte needs in surgical patients
12. Time out