

**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**[MS 1022]**

**OCTOBER 2022**

**Sub. Code: 2213**

**M.S. DEGREE EXAMINATION  
BRANCH I – GENERAL SURGERY  
PAPER IV – RECENT ADVANCES**

*Q.P. Code: 222213*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Embryology of parathyroid glands. Write the clinical features, investigations and management of Primary Hyperparathyroidism.
2. Discuss the Recent Trends in management of Carcinoma of Rectum.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Poem (Per Oral Endoscopic Myotomy).
2. Pyogenic liver abscess.
3. Ontogenesis.
4. Immunohistochemistry in General Surgery.
5. Surgical Robots.
6. Organ Procurement.
7. Mammography.
8. Role of Drains after Abdominal Surgery.
9. Isolated Limb Perforation.
10. Digital Subtraction Angiography.

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