

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

(MCH 0822)

AUGUST 2022

Sub. Code: 1962

M.Ch. – GYNAECOLOGICAL ONCOLOGY

**Paper II – RADIATION AND MEDICAL ONCOLOGY IN
GYNAECOLOGIC CANCERS**

Q.P. Code: 181962

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss the technique, pre operative preparations, procedure of heated intraperitoneal chemotherapy in ovarian cancer. Elaborate on the evidence in favour of HIPEC.
2. Discuss the role of image guided radiation therapy in cervical cancer. How is dose prescription done? Enumerate the benefits of IMRT versus conventional LINAC or Cobalt therapy.

II. Write notes on: **(10 x 7 = 70)**

1. WHO pain ladder.
2. Managements of platinum resistant ovarian cancer.
3. Total parenteral nutrition.
4. Methotrexate.
5. Immune checkpoint inhibitors.
6. Describe the isotopes used in brachytherapy.
7. Aromatase inhibitors in Gynecological cancers.
8. Management of febrile neutropenia.
9. SOLO 1 trial and beyond. Discuss the current recommendations.
10. Imiquimod.
