

(LR 018)

NOVEMBER 2020
(AUGUST 2020 SESSION)

Sub. Code: 1302

D.M. – MEDICAL ONCOLOGY

**Paper II – GENERAL ONCOLOGY INCLUDING TUMOUR
PATHOLOGY, RADIOLOGY AND NUCLEAR MEDICINE**

Q.P. Code: 161302

Time: Three Hours

Maximum: 100 Marks

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

1. What are the indications for genetic testing in patients with suspected hereditary breast cancer? What are the methods by which BRCA testing is performed? Discuss the reporting and clinical implication of BRCA report.
2. Discuss the etiopathogenesis of Human Papilloma Virus (HPV) associated cancers. What are the therapeutic implications for HPV associated cancers? Discuss the pros and cons for universal HPV vaccination in India?

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

1. IMDC (International Metastatic RCC Database Consortium) Risk Score.
2. Pathological risk-stratification in Wilms tumor.
3. ⁷⁷Lu-Dotatate. Lutetium therapy for neuroendocrine tumors
4. BI-RADS (Breast Imaging-Reporting and Data System) score.
5. Fibroblast Growth Factor Receptor (FGFR) inhibitors
6. Tumor Proportion Score (TPS) and Combined Positive Score (CPS)
7. Genetic, pathological and clinical differences between right sided and left sided colon cancer.
8. Discuss the molecular classification of brain tumors and role of targeted therapy in management of brain tumors.
9. International Myeloma Working Group (IMWG) criteria for diagnosis and response assessment in multiple myeloma?
10. Carcinoma of unknown primary (CUPS).
