

Rajiv Gandhi University of Health Sciences, Karnataka
M.D. Degree Examination – 14-Nov-2019

[Time: 3 Hours]

[Max. Marks: 100]

RADIOTHERAPY - PAPER- II
Principles & Practice of Chemotherapy in Malignant
Diseases, Preventive Oncology, Palliative Care
Q. P. CODE: 7482

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions

10 X 10 = 100 Marks

1. Chemotherapy administration precautions to be taken and management of extravasation reactions.
2. Discuss cell cycle and the classification of chemotherapy based on cell cycle specificity.
3. What are monoclonal antibodies? Discuss in detail the mechanism of action, indications and toxicity of monoclonal antibodies.
4. Rationale of concurrent chemo radiation and role in clinical practice.
5. What is tumour lysis syndrome and explain the Prophylaxis of it, based on risk stratification.
6. WHO pain step ladder.
7. With a suitable diagram explain the mechanism of action of Tyrosine Kinase Inhibitors and the role in treatment of lung cancers.
8. Novel check point inhibitors and the role in oncology.
9. Screening in Breast cancer.
10. National Cancer Control Programme.

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