

Rajiv Gandhi University of Health Sciences, Karnataka

Fellowship Examination – 13-Feb-2024

Time: Three Hours**Max. Marks: 100 Marks**

ONCO PHARMACY - PAPER – I

QP Code: 4328

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. Describe cell cycle with illustration; what are CDK4-6 inhibitors and mention how they differ from each other?
2. Explain the Umbrella design of clinical trial with a suitable example
3. Discuss the different bioformulations of Paclitaxel and its uses
4. Explain the concept of chemoradiation with suitable examples
5. Define adjuvant chemotherapy and the scientific basis for the same. In which cancers has it made a survival impact
6. What is Monoclonal Antibody? Name five monoclonal antibodies in clinical use, its target and how do you select patients for the same
7. Mention the different TKI's available for treatment of eGFR mutated lung cancer and how they differ from each other
8. Mention the drugs that cause SIADH and how does it present clinically. Discuss the management of the same
9. Write the chemotherapy schedule and any specific instructions, for a patient of Hodgkin's Lymphoma, planned for treatment with ABVD protocol, aged 25 years, height 168 cms, weight 58 kgs. How do you manage extravasation of drugs?
10. Name the LHRH Agonists and LHRH Antagonists and their mechanism of action. What are the indications and how do you select them in a given patient?

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