

# Rajiv Gandhi University of Health Sciences, Karnataka

## Fellowship Examination – 07-Sep-2023

**[Time: 3 Hours]****[Max. Marks: 100]****VIROLOGY - PAPER – I****QP Code: 4373**

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. Discuss in detail mechanism of oncogenesis with examples.
2. Burkitts lymphoma.
3. Discuss role of cytokines in pathogenesis of viral infections with relevant examples.
4. Discuss recent advances in molecular diagnosis of viral infections.
5. Prion disease and its diagnosis.
6. Biomarkers of Hepatitis B. Infections.
7. Compare and contrast the strategies used to target different stages of viral life cycle.
8. Evaluate the potential benefits and ethical concerns associated with the use of genetically modified virus.
9. Slow viral diseases.
10. Viral staining.

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