



AJEENKYA

D Y PATIL UNIVERSITY

End Term Examination (December 2019)

School: School of Engineering

Program: M.Tech Bioengineering

Course: Cancer and its Therapy

Course Code: BEN606

Semester: III

Max Marks : 40

Duration (mins): 90

Answer any FIVE questions. (Each carries 8 Marks)

[40]

- Q1. Explain the concept of monoclonal antibodies as anticancer drugs.
- Q2. How can synthetic agents be used as anticancer drugs.
- Q3. What is the role of natural products in anti neoplastic drug discovery?
- Q4. Write a note on Histone Deacetylase inhibitors.
- Q5. Why Matrix Metalloproteinases are important drug targets? Explain.
- Q6. Describe the angiogenesis process and its role in anticancer drug targets.
- Q7. What is tissue invasion and metastasis? Explain its role in cancer therapy.
- Q8. Discuss the signaling of Apoptosis.