

R09

Code: 9A23707

B.Tech IV Year I Semester (R09) Regular & Supplementary Examinations December 2015

CANCER BIOLOGY

(Biotechnology)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 Describe about cell cycle regulating factors and signal switches.
- 2 Classify cancers. What is the role of diet on cancer development?
- 3 Describe the metabolism of carcinogenesis.
- 4 Explain the mechanism of radiation carcinogenesis.
- 5 Describe the mechanism of oncogene and proto oncogene activity.
- 6 Explain the role of various proteins during tumor angiogenesis and metastasis.
- 7 Describe screening and testing of various cancers.
- 8 Explain chemo and radiation therapy principles of cancer treatment.
