Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_\_



**End Semester Examination – Nov / Dec – 2019**

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| **Code :** | **19BT3029** | **Duration :** | **3hrs** |
| **Sub. Name :** | **CANCER MANAGEMENT TECHNIQUES** | **Max. marks :** | **100** |

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| **Q. No.** | **Questions** | **Course Outcome** | **Marks** |
|  | **PART A (5 X 16= 80 MARKS)**  **(Answer any five from the following)** |  |  |
| 1. | Illustrate metastasis mimicking immune cell homing and discuss about the cancer reporting system. | CO1 | 16 |
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| 2. | Discuss about the promoters of angiogenesis and cancer cell migration. | CO3 | 16 |
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| 3. | Interpret the Warburg effect of cancer cells and justify the role of Mitochondria in cancer metabolism alterations. | CO4 | 16 |
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| 4. | Explain the various cancer imaging techniques and genetic testings available for cancer detection with their challenges. | CO5 | 16 |
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| 5. | Summarize the molecular therapy and the advancements in targeted therapy for cancers with their challenges. | CO5 | 16 |
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| 6. | Justify the reasons for cancer death and describe the various histologic stages of cancer development. | CO1 | 16 |
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| 7. | Analyze and illustrate the role of cell cycle regulation abnormalities in cancer development. | CO2 | 16 |
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| **PART B (1 X 20= 20 MARKS)** | |  |  |
| 8. | Discuss the palliative care, preventive measures and the plant based drugs as remedies in cancer management. | CO6 | 20 |