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

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**End Semester Examination – Nov/Dec – 2017**

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| **Code :** | **14BT3013** | **Duration :** | **3hrs** |
| **Sub. Name :** | **ENTREPRENEURSHIP, IPR AND BIOSAFETY** | **Max. marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

|  |  |  |  |  |  |
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| **Q. No.** |  | **Questions** | **Course**  **Outcome** | | **Marks** |
| 1. |  | Describe the formulation of research projects in accordance to DBT guidelines. | | CO1 | 20 |
| (OR) | | | | | |
| 2. |  | Explain the characteristics and roles of entrepreneurs with necessary examples. | | CO1 | 20 |
|  |  |  | |  |  |
| 3. |  | Analyze the Indian patent submission procedure to obtain a patent. | | CO2 | 20 |
| (OR) | | | | | |
| 4. |  | Discuss the significance of Trademark and Copyright with examples. | | CO2 | 20 |
|  |  |  | |  |  |
| 5. |  | Enumerate the importance biosafety guidelines in research involving hazardous materials. | | CO2 | 20 |
| (OR) | | | | | |
| 6. |  | Describe the role of Genetically Modified Organisms and the risk factors concerning GMO and LMO. | | CO1 | 20 |
|  |  |  | |  |  |
| 7. |  | Infer the significance of Cartagena Protocol with regard to National and International regulations. | | CO2 | 20 |
| (OR) | | | | | |
| 8. |  | Analyze the regulations involved in exchange or transfer of biomaterials for research. | | CO2 | 20 |
|  |  |  | |  |  |
|  | | **Compulsory**: | |  |  |
| 9. |  | Illustrate the different levels of bio-safety involved in recombinant DNA technology applications in modern research. | | CO2 | 20 |

ALL THE BEST