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



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

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

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|  |  |  |  |
| **Code :** | **14BT2045** | **Duration :** | **3hrs** |
| **Sub. Name :** | **BIOPHARMACEUTICAL TECHNOLOGY** | **Max. marks :** | **100** |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Q. No. |  | Questions | Course  Outcome | Marks |
| 1. |  | Compare pharmacodynamics and pharmacokinetics in relation to drug. | CO1 | 20 |
| (OR) | | | | |
| 2. |  | Examine the therapeutic effect of any drug. | CO1 | 20 |
|  |  |  |  |  |
| 3. |  | Describe the process of manufacture of tablets with diagrams. | CO2 | 20 |
| (OR) | | | | |
| 4. |  | Explain capsules, its types and its manufacturing procedure. | CO2 | 20 |
|  |  |  |  |  |
| 5. |  | Organize the excretion process of drugs. | CO1 | 20 |
| (OR) | | | | |
| 6. |  | Recall the concept of ADME with diagrams. | CO1 | 20 |
|  |  |  |  |  |
| 7. |  | Inspect bio-pharmaceuticals with an example of plantor microbe derived product. | CO2 | 20 |
| (OR) | | | | |
| 8. |  | Compile rDNA technology for the production of bio pharmaceuticals. | CO2 | 20 |
|  |  |  |  |  |
|  | | **Compulsory** |  |  |
| 9. |  | Elaborate the steps involved in clinical trials. | CO2 | 20 |

ALL THE BEST