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 :** | **16BT1001** | **Duration :** | **3hrs** |
| **Sub. Name :** | **BIOLOGY IN EVERYDAY LIFE** | **Max. marks :** | **100** |

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

|  |  |  |  |  |
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| Q. No. |  | Questions | Course  Outcome | Marks |
| 1. |  | Elaborate the different steps involved in Darwin’s theory of natural selection. Explain their significance as mechanism for Evolution. | CO1 | 20 |
| OR | | | | |
| 2 |  | Justify the different indirect proofs we have in support of the theory of Evolution. | CO1 | 20 |
|  |  |  |  |  |
| 3. |  | Classify the framework on which domain Eukarya is divided into different kingdoms. | CO2 | 20 |
| OR | | | | |
| 4. |  | Analyze different aspects of yourdaily meal that is critical to establish whether you are on a “Balanced Diet” or not. | CO2 | 20 |
|  |  |  |  |  |
| 5. |  | Elucidate the Structure and Function of Nephron with suitable diagrams. | CO3 | 20 |
| OR | | | | |
| 6. |  | Discuss any two common ailments of the Digestive System and explain the course of treatment. | CO3 | 20 |
|  |  |  |  |  |
| 7. |  | Outline the Role of Microorganisms in Agriculture. | CO5 | 20 |
| OR | | | | |
| 8. |  | Illustrate the different routes through which biomass energy can be harvested. | CO5 | 20 |
|  |  |  |  |  |
|  |  | **Compulsory**: |  |  |
| 9. |  | Explain in details the forms of Depression along with significant signs and symptoms. | CO2 | 20 |

ALL THE BEST