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

**G:\logo and QP Template\logo 3 Feb 2018 final.tif**

**End Semester Examination – Nov/Dec – 2018**

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** |  | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | Elaborate on the various evidences available in support of the theory of Evolution. | CO1 | 20 |
| (OR) | | | | |
| 2 |  | Elaborate the different steps involved in Darwin’s theory of natural selection. Explain their significance as mechanism for Evolution | CO1 | 20 |
|  |  |  |  |  |
| 3. |  | Elaborate the various conditions that are known to bring about the “Cascade effect of Stress”? | CO2 | 20 |
| (OR) | | | | |
| 4. |  | Analyze different aspects of your daily 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 detail the forms of Depression along with significant signs and symptoms. | CO2 | 20 |