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 – April / May – 2017**

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| **Sub. Code:** | **14BT2043** | **Duration :** | **3hrs** |
| **Sub. Name :** | **HUMAN PHYSIOLOGY** | **Max. marks :** | **100** |

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

|  |  |  |  |  |
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| Q. No. | Sub Div. | Questions | Course  Outcome | Marks |
| 1. | a. | Discuss about fluid compartment of our Body system and Tonicity. | CO1 | 10 |
| b. | Define Homeostasis and discuss Positive and Negative feed back mechanism with examples. | CO1 | 10 |
| (OR) | | | | |
| 2. |  | Discuss about the cerebro spinal fluid and mechanism and action of Autonomous nervous system. | CO2 | 20 |
|  |  |  |  |  |
| 3. |  | Describe the mechanism of Hormones and mode action of epinephrine hormone. | CO2 | 20 |
| (OR) | | | | |
| 4. |  | With a neat diagram describe the anatomy and the function of Kidney. | CO1 | 20 |
|  |  |  |  |  |
| 5. |  | Write a note on types of circulatory system and Mechanism of circulation with necessary Illustrations. | CO2 | 20 |
| (OR) | | | | |
| 6. |  | Draw the structure of lungs and explain the mechanism of respiration. | CO3 | 20 |
|  |  |  |  |  |
| 7. |  | With neat diagrams explain Female reproductive system. | CO3 | 20 |
| (OR) | | | | |
| 8. |  | Discuss about the activities in the digestive system and the mechanism of digestion. | CO2 | 20 |
|  | |  |  |  |
|  | | **Compulsory:** |  |  |
| 9. |  | Discuss the structure of sekeletal muscle.and mechanism of Muscle contraction. Define Osteoporosis and explain its complications and treatment. | CO3 | 20 |

ALL THE BEST