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 – 2016**

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|  |  | **Semester :** | **2016-17 ODD** |
| **Code :** | **15BT3007** | **Duration :** | **3hrs** |
| **Sub. Name :** | **BACTERIOLOGY, MYCOLOGY AND PARASITOLOGY** | **Max. marks :** | **100** |

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

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| **Q. No** | **Questions** | | **Course**  **Outcome** | **Marks** |
| 1. | What do you mean by Microbiology? Write short notes on bacteriology, Mycology, parasitology, commensal and selective media with example. | | CO1 | **20** |
| **(OR)** | | | | |
| 2. | Describe in detail about commensal and pathogenic microbial flora of human body. | | CO2 | **20** |
| 3. | Write short notes on natural and synthetic antibiotics by taking four common examples of antimicrobial agents. | | CO1 | **20** |
| **(OR)** | | | | |
| 4. | Describe the common causative agents and common types of nosocomial infection, its diagnosis and treatment. | | CO2 | **20** |
| 5. | Describe the mode of transmission, life cycle, diagnosis and treatment of enteric pathogens. | | CO3 | **20** |
| **(OR)** | | | | |
| 6. | Give a detailed account on specimen collection and processing in microbiology for pathogenic infection. | | CO1 | **20** |
| 7. | Write about general characteristics, clinical features, diagnosis and treatment of Opportunistic mycosis – *Candida albicans*. | | CO3 | **20** |
| **(OR)** | | | | |
| 8. | Explain the beneficial and harmful effects of Human microbiome and add a note on pathogenic gram positive bacteria in human disease. | | CO3 | **20** |
|  | | **Compulsory:** |  |  |
| 9. | Describe in detail fungal classification and Write about general characteristics, clinical features, diagnosis and treatment of different types of mycoses. | | CO3 | **20** |

ALL THE BEST