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 :** | **15BT2001** | **Duration :** | **3hrs** |
| **Sub. Name :** | **Medical Biochemistry** | **Max. marks :** | **100** |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Describe the Classification of carbohydrates . | CO1 | **20** |
| **(OR)** | | | | |
| 2. | a. | Elaborate on daibetes mellitus. | CO1 | **20** |
| 3. | a. | Enumerate on the structure and properties of fatty acids. | CO1 | **20** |
| **(OR)** | | | | |
| 4. | a. | Explain the classification and functions of lipids. | CO1 | **20** |
| 5. | a. | Comment on the classification of proteins. | CO1 | **20** |
| **(OR)** | | | | |
| 6. | a. | Write the strutcure of twenty amino acids . | CO1 | **20** |
| 7. | a. | How liver disorder is diagnosed? Explain. | CO1 | **20** |
| **(OR)** | | | | |
| 8. | a. | Elaborate on various kidney function tests. | CO1 | **20** |
| **Compulsory** | | |  |  |
| 9. | a. | Give an account on ATP production by oxidative phosphorylation. | CO1 | **20** |