



**SARDAR PATEL UNIVERSITY**  
**Programme – M.Sc. Biomedical Science**  
**(Under Choice Based Credit Scheme)**  
**Structure with effective from: 2019-20**



**MASTER OF SCIENCE (BIOMEDICAL SCIENCE)**

**Semester –I**

| Course Code | Course Title                                     | Teaching Scheme (Hours /Week) |   |   |            |               | Evaluation (Marks) |      |       |
|-------------|--|-------------------------------|---|---|------------|---------------|--------------------|------|-------|
|             |  | L                             | S | P | Total Hrs. | Total Credits | Int.               | Ext. | Total |
| PT01CBMC21  | Cell and Molecular biology                       | 3                             | 1 | - | 4          | 4             | 30                 | 70   | 100   |
| PT01CBMC22  | Instrumentation Techniques in Biomedical Science | 3                             | 1 | - | 4          | 4             | 30                 | 70   | 100   |
| PT01CBMC23  | Enzymology                                       | 3                             | 1 | - | 4          | 4             | 30                 | 70   | 100   |
| PT01EBMC21  | Human Physiology                                 | 3                             | 1 | - | 4          | 4             | 30                 | 70   | 100   |
| PT01EBMC22  | Biomolecules and Bioenergetics                   | 3                             | 1 | - | 4          | 4             | 30                 | 70   | 100   |
| PT01EBMC23  | Introduction to Biostatistics and Bioinformatics | 3                             | 1 | - | 4          | 4             | 30                 | 70   | 100   |
| PT01CBMC24  | Practical based on PT01CBMC01 and PT01CBMC02     | -                             | - | 8 | 8          | 4             | 30                 | 70   | 100   |
| PT01CBMC25  | Practical based on PT01CBMC03 and PT01EBMC01     | -                             | - | 8 | 8          | 4             | 30                 | 70   | 100   |
| PT01CBMC26  | Comprehensive Viva                               | -                             | - | - | 2          | 1             | -                  | 50   | 50    |

**L= Lectures, S=Seminar, P=Practical's**

**Credits (per semester\*)**

Theory + Seminar : 16  
 Practical : 08  
 Comprehensive Viva : 01  
**Total : 25**