

## **JNU CBEE 2013 Exam Pattern**

### **1. JNU CBEE 2013 Exam Pattern for MSc Biotechnology Program :**

**The question paper for JNU Entrance Examination will be of three hours duration and divided into two parts :**

**Part – A : will have multiple choice type questions at the level of 10+2 in the subjects : Physics, Chemistry, Mathematics and Biology. The Candidates will be required to attempt 60 questions : Total marks for Part A will be ( 60 questions x 1 mark each ) of 60 marks. There will be negative marking and for each wrong answer,  $\frac{1}{2}$  (half) mark will be deducted.**

**Part – B : will also have multiple-choice questions of Bachelor's level requiring thinking and analysis. There will be questions from Physics, Mathematics, Biology ( e.g., Botany, Zoology, Biochemistry, Microbiology, Genetics and Molecular Biology ) and Chemistry. The candidates will be required to attempt 60 questions. Total marks for Part B will be 60 questions x3 marks each = 180 marks. There will be negative marking and for each wrong answer one mark will be deducted.**

### **2. JNU CBEE 2013 Exam Pattern for MSc Agri Biotechnology Programs :**

**The question paper for entrance examination will be of three hours duration and will consist of two parts, PART – A and PART – B.**

**Part – A : will have multiple choice type questions at the level of 10+2 in the subjects : Physics, Chemistry, Mathematics and Biology. The Candidates will be required to attempt 60 questions Total marks for Part A will be ( 60 questions x1 mark each ) of 60 marks. There will be negative marking and for each wrong answer,  $\frac{1}{2}$  (half) mark will be deducted.**

**Part – B : will also have multiple choice questions from the syllabus detailed above in Section IV of this Brochure. There will be 100 questions out of which the candidates will have to attempt 60 questions. Each correct answer will have a weightage of 3 marks. There will be negative marking and for each wrong answer one mark will be deducted.**

### **3. JNU CBEE 2013 Exam Pattern for M.Tech Biotechnology Programs :**

**The question paper for Entrance Examination will be of 3-hours duration consisting of Two Streams :**

**Technology Stream and**

***Life Sciences Stream.***

***i. Technology Stream***

***Part – A : Basic Engineering & Technology at under graduate level***

***Part – B : Physics / Chemistry / Maths at under graduate level***

***Part – C : Fundamental Life Sciences and Informatics at 10+2 level.***

***ii. Life Science Stream***

***Part – A : Life Sciences ( Biochemistry, Molecular Biology & Immunology ) at post graduate level.***

***Part – B : Physics / Chemistry at undergraduate level***

***Part – C : Maths, Computer & Information Sciences at 10+2 level.***