

Exam. Code : 107406
Subject Code : 1784

B.Sc. (Bio Technology) 6th Semester
rDNA TECHNOLOGY—B
Paper—BT-I

Time Allowed—2 Hours] [Maximum Marks—40

Note :—There are *eight* questions of equal marks.
Candidates are required to attempt any
four questions.

1. Describe cloning of gene using YAC vector.
2. Explain expression vectors in detail.
3. Describe self priming method of cDNA synthesis.
4. What is cDNA library ? How it is different from gDNA library ?
5. What is PCR ? Describe applications in detail.
6. What is chip technology ?
7. Describe changing genes using site directed mutagenesis by cassette mutagenesis.
8. Describe automated gene sequencing in detail.

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