



**SHREE H.N.SHUKLA INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH, AMARGADH, BHICHARI**

B.PHARM SEMESTER-V, INTERNAL EXAM-2020

Subject code: BP505TT

Date: 28/08/2020

Sub: Biotechnology

Total Marks: 40

Time: 10:30 AM to 12:30

Enroll. No:

ATTEMPT ALL QUESTIONS

- Q.1** Describe MHC in detail. (5)
- Q.2** Describe Hyper sensitivity type 1 in detail with diagram. (5)
- Q.3** Describe Hyper sensitivity type 4 in detail with diagram. (5)
- Q.4** Describe classification of Immunoglobulins with structure. (5)
- Q.5** Describe basic step of recombinant DNA technology using cloning vector. (5)
- Q.6** Give the explanation of BAC and YAC. (5)
- Q.7** Describe entrapment and cross linkage method for enzyme immobilization. (5)
- Q.8** Explain COSmid and bactriophage with figure. (5)
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