

M.Sc. - II (Biotechnology) (CBCS Pattern) Semester-IV
PSBIT-115 - Paper-III : Ethics, Patenting & Bio-Entrepreneurship

P. Pages : 1

Time : Three Hours



GUG/S/25/11353

Max. Marks : 80

-
- Notes : 1. All questions are compulsory and carry marks as indicated.
2. Draw diagram wherever necessary.

1. Discuss in detail about Recombinant therapeutic products for human health care. **16**

OR

Write short note on-

a) Human embryonic stem cell research. **8**

b) Release of genetically engineered organisms. **8**

2. Describe in detail about intellectual property rights and plant breeders rights. **16**

OR

a) Explain biotechnology in developing countries. **8**

b) Write in detail about quality control in biotechnology. **8**

3. Discuss legal regulatory and other business factors for entrepreneurship. **16**

OR

a) Write note on concept of Bio entrepreneurship. **8**

b) Write note on Biotech company roadmap. **8**

4. Write in detail about funding of biotech business in India. **16**

OR

a) Write note on role of knowledge center-universities and research institutes. **8**

b) Write note on Licensing strategies and valuation. **8**

5. Write short note on-

a) Environmental legislation. **4**

b) Patent and trademark. **4**

c) Pillars of bio entrepreneurship. **4**

d) Exit strategy for biotech business. **4**
