

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

P. Pages : 1

Time : Three Hours



GUG/W/18/11353

Max. Marks : 80

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1. Describe the ethics of biotechnology. Add note on genetic modification and food consumption. **16**

OR

Write notes on

- a) Human embryonic stem cell research. **8**
- b) Release of genetically engineered organisms. **8**
2. Write about biosafety. Add note on its implementation. **16**

OR

Write in detail about quality control in biotechnology. **16**

3. Give in detail the roadmap for biofertilizer company. **16**

OR

Write notes on concept of bioentrepreneurship and its promotion. **16**

4. Explain in detail the role of knowledge centers in bioentrepreneurship. **16**

OR

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

5. Write short notes on.

- a) Environmental legislation. **4**
- b) Patent and trademark. **4**
- c) Pillars of bioentrepreneurship. **4**
- d) Licensing strategy for biotech business. **4**
