

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

P. Pages : 1

Time : Three Hours



GUG/W/23/11353

Max. Marks : 80

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1. Explain the recombinant therapeutic products for Human Health care. **16**
- OR**
- a) Describe quality control in Biotechnology. **8**
- b) Write a note on, Human Embryonic stem cell research. **8**
2. Explain the patenting and trademark & intellectual property rights. **16**
- OR**
- a) Explain plant Breeders rights. **8**
- b) Write a note on Biosafety. **8**
3. Explain in details pillars of Bioentrepreneurship. **16**
- OR**
- a) Explain legal regulatories in Bioentrepreneurship. **8**
- b) Describe the desirable startups of company. **8**
4. Explain the role of knowledge centres, universities and research institutions of Bioentrepreneurship. **16**
- OR**
- a) Explain the funding agencies in India for Bioentrepreneurship **8**
- b) Explain role of technology & upgradation. **8**
5. Write a note on.
- a) Environmental legislation. **4**
- b) biotechnology product and processes. **4**
- c) Roadmap of biofertilizer company. **4**
- d) Biotech policy initiatives **4**
