

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

P. Pages : 1

Time : Three Hours



GUG/W/24/11353

Max. Marks : 80

Note : All questions are compulsory and carry equal marks.

1. Write in detail application of human genetics r-DNA research. **16**

OR

Write a notes on:

a) Recombinant therapeutic products. **8**

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

2. Describe in detail intellectual property rights. **16**

OR

Discuss about:

a) Biosafety and its implementation. **8**

b) Quality control in Biotechnology. **8**

3. Write a note on concept of Bio entrepreneurship and its promotion. **16**

OR

Write notes on:

a) Legal regulatory and other factor for entrepreneurship. **8**

b) Pillars of Bio entrepreneurship. **8**

4. Describe in detail funding for biotech business in India. **16**

OR

Write about:

a) Role of knowledge centre universities and institutes. **8**

b) Licensing strategies and valuation. **8**

5. Write a short notes on:

a) Benefits of biotechnology. **4**

b) Patent and trademark. **4**

c) Legal regulatory factors. **4**

d) Role of technology and upgradation. **4**
