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(20517) Roll No.

B.Sc. Bio-Tech-III Yr.

NS-3480

B.Sc. Bio-Technology Examination, May 2017

Biosafety Guidelines Intellectual Property rights and Entrepreneurship Development

(B-308)

(New)

Time : Three Hours] [Maximum Marks : 75

Note : Attempt any five questions. All questions carry equal marks.

1. Discuss the impact of release of GMOs on Environment. Also describe the myths associated with GMOS. 15

2. Write notes on following : 5x3=15

(i) TRIPS

P.T.O.

- (ii) DLC
- (iii) SEED POLICY
- 3. What is rDNA Technology? Discuss it's various steps. What safety measures are required by scientists while working with rDNA? 15
- 4. What is Paris Convention? When was it established? How does it helps in protection of IP & IPRs? 15
- 5. (i) What are salient features of convention on Biodiversity. 5x3=15
- (ii) What are benefits of becoming party of Cartagena protocol.
- (iii) List various regulatory bodies for Biosafety in India.
- 6. (i) What are different aspects of Plant Breeder's & Farmer's rights. 5x3=15
- (ii) What all things can be patented in India.

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(iii) **What is Entrepreneurship? How it can impact our society?**

7. List 10 myths associated with Cloning. What are possible explanation for them. 15

8. Write notes on following : $5 \times 3 = 15$

(i) Plant Quarantine Order 2003

(ii) RDAC

(iii) Patents

9. (i) What are different criteria for Patentability? $5 \times 3 = 15$

(ii) What is PCT? How does it helps in filing of International Patents?

(iii) What are Plant breeder's rights?

10. Explain the role of Institutional Biosafety Committees in India. 15