

Total No. of Questions :8]

SEAT No. :

**P1834**

[Total No. of Pages :2

[5232] - 42

M.Sc.

**BIOTECHNOLOGY**

**BT - 42 : Legal and Ethical Aspects in Biotechnology and Ipr**

**(2008 Pattern) (Semester - IV)**

*Time : 3 Hours]*

*[Max. Marks :60*

*Instructions to the candidates:*

- 1) *Attempt a total of five questions selecting atleast two questions from each section.*
- 2) *Answers to the sections must be written on separate answer books.*
- 3) *Neat diagrams must be drawn wherever necessary.*
- 4) *Figures to the right indicate full marks.*

**SECTION - I**

**Q1)** What is an industrial design? Explain registration procedure for obtaining a design patent with its flowchart. **[12]**

**Q2)** Give the basic requirement for patenting an invention. Explain in detail the patenting of biological product. **[12]**

**Q3)** Write short notes on-

- a) Rights of a patentee. **[6]**
- b) IPR agencies. **[6]**

**Q4) a)** Write the salient features of Indian Patent Act 1970. **[6]**

- b) Comment on different forms of copyright and its authorities. **[6]**

***P.T.O.***

## SECTION - II

**Q5)** Describe the major changes in Indian Patent System after TRIPS. [12]

**Q6)** Explain the contribution of Budapest Treaty in Biotechnological intellectual properties with an example. [12]

**Q7)** Write short notes on-

a) Copyright infringement. [6]

b) TRIPS Agreement. [6]

**Q8)** a) Give the significance of geographical indications with appropriate examples. [6]

b) Discuss the controlling parameters of infringement of a patent. [6]

