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SEAT No. :

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**P1849**

**[5232] - 303**

**M.Sc.**

**BIOTECHNOLOGY**

**BT - 303 : Database Management and IPR in Biotechnology  
(2013 Pattern) (Semester - III) (Credit System)**

*Time : 1½ Hours]*

*[Max. Marks :25*

*Instructions to the candidates:*

- 1) All questions are compulsory.*
- 2) Figures to the right indicate full marks.*
- 3) Draw neat and labelled diagrams wherever necessary.*

**Q1)** Answer any three:

**[3 × 5 = 15]**

- a) What is the impact of IPR in context of Biotechnology industry.
- b) Discuss protection of plant variety and farmer's right act 2001.
- c) Describe in brief the importance and applications of OMIM.
- d) What is database? Write note on characteristics and design of databases.
- e) Write short note on-
  - i) Budapest Treaty.
  - ii) Provisions of compulsory licences.

**Q2)** Answer any one:

**[1 × 10 = 10]**

- a) Explain in detail on recording and reporting of adverse events and serious adverse events.
- b) Write in detail the procedure for applying and granting patent. Write a note on biotechnology patent.

