

**2017**  
**BIOTECHNOLOGY**  
**Paper : T-206 E**

**INTELLECTUAL PROPERTY RIGHTS**

Full Marks: 80

Time: 3 hours

The figures in the margin indicate full marks for the questions

1. Answer the following: 1x8=8
- (i) Who is a breeder?
  - (ii) If a researcher has materialized a concept on chemical mixture, then the scholar is potential applicant of \_\_\_\_\_.
    - (a) GI                      (c) Patent
    - (b) Copyright            (d) Trade secret
  - (iii) What is SICLDR?
  - (iv) What is the significance of IPR?
  - (v) Write the full form of TRIPS.
  - (vi) What is the law that provides protection for semiconductor IC layout designs?
  - (vii) When and where was GATT signed?
  - (viii) A method of treatment of malignant tumour cells is patentable/ not patentable?

2. Who can apply for registering a new plant variety? 2
3. What are the types of right under copyright? 2
4. Define trade secrets. 2
5. Name two international agreements related to Patent. 2
6. What are the functions of Trademark? 2
7. What is the significance of geographical indicator? 2
8. Write short notes any four on the following: 5x4=20
  - (a) The Berne Convention
  - (b) The Patent Law Treaty
  - (c) Cartagena Protocol on Biodiversity
  - (d) Patent War
  - (e) Design Act 2000
9. Answer any two from the following: 8x2=16
  - (a) What is industrial design? How industrial design can be safeguarded? When should one file for registration? What right does a registered design confer? How long is the period of protection? How to file an application for the registration of industrial design? 1+2+1+1+1+2=8
  - (b) How World Trade Organization came into existence? What are the basic functions and principles of WTO? 2+6=8
  - (c) Define copyright. What are the categories covered under copyright? What are the characteristics of copyright? What is the procedure of registration under Copyright Act 1957? 1+2+2+3=8

10. Answer any two from the following: 12x2=24

- (a) State the objectives of Protection of Plant Varieties and Farmers' Right Act, 2001. Elaborate the criteria's required for registering a new plant variety. 4+8=12
- (b) Discuss the methods of Intellectual Property valuation. 12
- (c) Discuss about the Patent system in India. Outline the patentability criteria and patentable subject matter. 4+8=12