

00261

**POST GRADUATE DIPLOMA IN  
INTELLECTUAL PROPERTY RIGHTS  
PGDIPR (Revised)**

**Term-End Examination**

**June, 2014**

**MIP-106 : PLANT VARIETIES PROTECTION,  
BIOTECHNOLOGY AND TRADITIONAL  
KNOWLEDGE**

*Time : 3 hours*

*Maximum Marks : 100*

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*Note : All parts are compulsory.*

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**PART - A**

Answer all the questions from this part. **2x10=20**

1. Define Genetically Modified Plant Varieties.
2. What is meant by Hybrid breeding ?
3. What are the previlages of plant Breeders ?
4. What is meant by Farmer's previlages ?
5. Define Prior Informed Consent (PIC).
6. Define 'commercial utilisation' under the Biological Diversity Act, 2002.
7. What is the duration of plant Breeder's rights ?
8. Can a new and distinct plant found growing in nature be protected under the Protection of Plant Varieties and Farmers' Rights (PPVFR) Act, 2001 ? Explain.

9. What is a National Gene Fund ?
10. Define Traditional Knowledge.

### **PART - B**

Answer **any five** questions from this part. **10x5=50**

1. Write a note on the origin of Plant Breeding and Crop Improvement.
2. Explain the concept of Commercial Plant Breeding.
3. What are potential biosafety implications of genetically modified organism and how does CBD (Convention on Bio-diversity) addresses it ?
4. Explain the characteristics in DUS testing (Examination of distinctiveness, uniformity and stability) in relation to plant varieties.
5. Write a note on the international regime on access and benefit sharing.
6. Discuss the problems in enforcing the Plant Breeder Rights (PBRs).
7. Discuss the duties of the standing committee of the PPVFR in the promotion and protection of new plant varieties.
8. Why is there a need for Sui generis framework for the protection of Traditional Knowledge in India ?

## PART - C

Answer **any two** questions from this part. **15x2=30**

1. What are the vital step discussed and suggested at the regional / international levels to curb biopiracy and misappropriation of genetic resources and traditional knowledge associated therewith ? Discuss.
  2. Discuss the major issues related to Intellectual Property Right and Biotechnology.
  3. Write a note on the legal framework in India with respect to Plant Genetic Resources (PGRs).
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