

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

01483

**Term-End Examination**

**June, 2019**

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

*Time : 3 hours*

*Maximum Marks : 100*

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*Note : This question paper is divided into **three** parts.  
Part A, Part B and Part C. All parts are  
**compulsory.***

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**PART A**

*Answer **all** questions from this part. Each question  
carries 2 marks. Explain in brief the following : 10×2=20*

1. Bio-piracy
2. Cartagena Protocol
3. Plant Variety
4. Seed Certification
5. Hybrid Breeding

- 6. 'Biotechnology' as per Convention on Biological Diversity**
- 7. Nagoya Protocol**
- 8. Prior Informed Consent**
- 9. Trade Secrets**
- 10. National Gene Fund**

## PART B

*Answer any five questions from this part. Each question carries 10 marks.* *5×10=50*

11. Write a note on the origin of Plant Breeding and Crop Improvement.
12. Write a note on International regime on access and benefit sharing.
13. Why is there a need for sui generis framework for the protection of Traditional Knowledge in India ?
14. Explain the characteristics of DUS testing (examination of distinctiveness, uniformity and stability) in relation to the plant varieties.
15. Discuss the duties of the Standing Committee under the PPVFR Act in the promotion and protection of new plant varieties.
16. Write a note on Traditional Knowledge Digital Library (TKDL).
17. What is the justification for providing Plant Breeders Rights (PBRs) to the plant breeders ? Explain.
18. Discuss the ethical and social concerns related to the patentability of biotechnological processes and products.

## **PART C**

*Answer any **two** questions from this part. Each question carries 15 marks. 2×15=30*

- 19.** Discuss various tools for protection of Traditional Knowledge.
  
  - 20.** Discuss the legal framework in India with respect to Plant Genetic Resources (PGRs).
  
  - 21.** Discuss the composition, powers and functions of National Biodiversity Authority.
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