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MIP-106

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

Term-End Examination

June, 2021

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

Time : 3 Hours

Maximum Marks : 100

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

Part—A

Note : Attempt any **four** questions from this Part in about **200** words each. Each question carries 5 marks. $4 \times 5 = 20$

Write short notes on the following :

1. Mendelian Genetics

2. Seed Certification
3. National Gene Fund
4. Biological Deposit
5. Nagoya Protocol

Part—B

Note : Attempt any **five** questions from this Part in about **400** words. Each question carries 10 marks. $5 \times 10 = 50$

6. Discuss the modern techniques for crop improvement.
7. Write a note on the European directive on Protection of Biotechnological Inventions, 1998.
8. What are the characteristics used in DUS testing ? Discuss.
9. Discuss the different forms of contract used in the plant breeding industry.
10. Write a note on bio-safety measures in India.
11. What are the principal objectives of protecting traditional knowledge and how can they be attained ? Discuss.

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12. Write a note on Traditional Knowledge Digital Libraries.

Part—C

Note : Attempt any *two* questions in about **600** words. Each question carries 15 marks.

$$2 \times 15 = 30$$

13. Discuss the three-tier institutional mechanisms to protect biodiversity in India.

14. What are the major issues of social concern related to patenting in Biotechnology ? Discuss.

15. Discuss the problems in enforcing PBRs (Plant Breeders Rights).

16. What are the options for member states to provide plant variety protection under TRIPS ? Discuss.