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No. of Printed Pages : 04

MIP-106

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

**Term-End Examination**

**December, 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**

**Note :** Answer all the questions from this Part.

Each question carries 2 marks.  $2 \times 10 = 20$

1. Genetically modified plant variety.
2. Biopiracy
3. Plant variety
4. Researchers Rights under PPVFR Act

5. Genotype
6. Prior Informed consent
7. Plant Patents
8. Mendelian Genetics
9. Hybrid breeding
10. Biodiversity fund

### Part—B

Note : Answer any *five* questions. Each question carries 10 marks. 5 × 10 = 50

11. What is the criteria for protection of plant variety under the UPOV Conventions ?
12. Write a note on Biotechnology and Ownership issues.
13. 'The revision of Article 273(b) of the TRIPs Agreement is very important for developing countries.' Critically examine this statement.
14. Write a note on International regime on Access and Benefit sharing.

15. Discuss the different stages of developments in biotechnology.
16. Discuss the modern techniques for crop improvement.
17. Write a note on Food and Agriculture Organization (FAO).
18. Define Life Patents with respect to India. Support your answer with the help of illustrations.

### Part—C

Note : Answer any *two* questions. Each question carries 15 marks.

$2 \times 15 = 30$

19. Discuss the various strategies deployed by plant breeding industries for enforcing their rights to protect the plant varieties and limit their use.
20. What are the steps suggested at the regional and international level to curb biopiracy and

misappropriation of genetic resources and traditional knowledge associated therewith ?

Discuss.

21. Write short notes on the following :

- (i) Micro-organism and Micro-biological process
- (ii) Patenting of Micro-organisms