

01351

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

Term-End Examination

June, 2018

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

Time : 3 hours

Maximum Marks : 100

Note : (i) *This paper consists of three parts.*

(ii) *All parts are compulsory.*

PART - A

Answer all the questions from this part. Each question carries 2 marks. Explain in brief the following :

10x2=20

1. Plant Patents.
2. Nagoya Protocol.
3. The Bonn guidelines.
4. Essentially derived varieties.
5. Mendelian Genetics.
6. Essentially biological processes.
7. Food and Agriculture Organisation (FAO).
8. Micro-organism.
9. Compulsory Licence.
10. National Gene Fund.

PART - B

Answer any five questions from this part. Each question carries 10 marks. 5x10=50

11. What are the principal objectives of protecting Traditional Knowledge? How can these objectives be attained?
12. Critically evaluate the implications of the TRIPS agreement on Biotechnology inventions.
13. Discuss the modern techniques which can be used for crop improvement.
14. Discuss the European Directive on Protection of Biotechnology inventions.
15. Write a note on the rationale for Farmer's Rights.
16. What is infringement of Plant Breeder's Rights (PBR)? Explain how PBR's can be enforced.
17. Discuss the Composition and Functions of Protection of Plant Varieties and Farmer's Rights Authority.
18. Discuss the issue of ownership relating to biotechnology and genetic resources.

PART - C

Answer any two questions from this part. Each question carries 15 marks. 2x15=30

19. Discuss the major issues related to IPR and Biotechnology.
20. Discuss the significance of Traditional Knowledge Digital Library (TKDL) in the protection of Traditional Knowledge (TK).
21. How does the provisions of Biological Diversity Act, 2002 complement for realizing the farmers rights? Discuss.