



**GANDHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, ODISHA, GUNUPUR
(GIET UNIVERSITY)**

M. Sc. (First Semester - Regular) Examinations, February – 2025

PGS-503 – Intellectual Property and its Management in Agriculture
(Agriculture and Horticulture)

Total: 2 hours

Total Marks: 50 Marks

Answer ALL questions
(The figures in the right hand margin indicate marks)

PART – A

(2 x 5 = 10 Marks)

Q.1. Answer **ALL** the questions

	CO #	Blooms Level
a. Define patent.	CO1	K1
b. Define trademark	CO2	K1
c. Write on NDUS.	CO3	K1
d. Explain UPOV.	CO4	K1
e. Explain IP and IPR.	CO2	K1

PART – B

(6 x 5 = 30 Marks)

Answer **ANY SIX** questions

	CO #	Blooms Level
2. Describe about property and its importance of protection.	CO1	K1
3. What are the different types of IPR and the relationship among IPR with examples	CO1	K2
4. What is UPOV and briefly describe the provision and motto of UPOV?	CO2	K2
5. Abbreviate ITPGRFA and give a detail account of the main components of ITPGRFA?	CO2	K2
6. Explain the inventions which are not patentable.	CO3	K1
7. Describe the different types of patent.	CO3	K1
8. What are the different types of patent application describe briefly?	CO4	K2
9. What is Compulsory Licence and the reason of giving compulsory license ?	CO5	K2

PART – C

(10 x 1 = 10 Marks)

Answer **ANY ONE** question

	CO #	Blooms Level
10. Describe about patent and the process of getting patent.	CO3	K1
11. What is PPVFR and describe regarding farmers right?	CO4	K2
12. What is patent infringement and describe its types in detail?	CO5	K2

--- End of Paper ---