

PRACTICE SET

End Semester (Vth Sem.) Examination, December – 2025

Program: B. Sc. (Hons.) Agriculture

Semester: Vth

Course: Intellectual Property Rights

Course Code: 13A.317

Course Outcomes:

At the end of the course the student will be able to:

- CO1** Acquire Skill to pursue the professional programs in Company Secretaryship, Law, Business, Agriculture, International Affairs, Public Administration and Other fields
- CO2** Develop procedural knowledge to Legal System and solving the problem relating to intellectual property rights
- CO3** Establishment of Legal Consultancy and service provider, Employability as the Compliance Officer, Public Relation Officer and Liaison Officer
- CO4** Apply Skill to understand the concept of intellectual property rights

Unit -I

Section: I (5 Marks questions, only Lower order Thinking -LOT)

S.N.	Question	Bloom Taxonomy	Course Outcome
1	Define Intellectual Property Rights (IPR) and explain their importance in the agricultural sector.	Remember	CO4
2	Describe the objectives and functions of the World Trade Organization (WTO) in relation to IPR.	Understand	CO4
3	Write short notes on the General Agreement on Tariffs and Trade (GATT).	Remember	CO1
4	Explain the significance of the TRIPs Agreement under WTO	Understand	CO4
5	Discuss the purpose and scope of international treaties such as the Madrid Protocol, Berne Convention, and Budapest Treaty.	Understand	CO1

Section-II (15 Marks questions, only higher order thinking - HOT)

S.N.	Question	Bloom Taxonomy	Course Outcome
-------------	-----------------	-----------------------	-----------------------

6	Analyze the evolution of global IPR systems from GATT to WTO. How have these agreements influenced India's agricultural sector?	Analyze	CO4
7	Evaluate the roles of WIPO and TRIPs in promoting uniform intellectual property standards among developing nations.	Evaluate	CO4
8	Apply your understanding of international treaties to explain how the Madrid Protocol and Berne Convention complement each other in IP protection	Apply	CO1
9	Assess the impact of WTO regulations on India's trade in agricultural innovations and plant materials.	Evaluate	CO4
10	Develop a conceptual framework showing the interrelationship between GATT, TRIPs, and WIPO for the protection of agricultural IP.	Create	CO1

Unit -II

Section: I (5 Marks questions, only Lower order Thinking -LOT)

S.N.	Question	Bloom Taxonomy	Course Outcome
11	List and briefly describe the different types of Intellectual Property Rights.	Remember	CO4
12	Explain the main provisions of the Patents Act, 1970 in India.	Understand	CO2
13	Differentiate between process patents and product patents with suitable examples.	Understand	CO2
14	Write short notes on compulsory licensing and patent infringement.	Remember	CO2
15	Explain the importance of the Patent Cooperation Treaty (PCT) in patent protection.	Understand	CO2

Section-II (15 Marks questions, only higher order thinking - HOT)

S.N.	Question	Bloom Taxonomy	Course Outcome
16	Apply the provisions of the Patents Act 1970 to draft a mock outline for filing a patent related to an agricultural biotechnology product.	Apply	CO2
17	Analyze differences between patents, copyrights, and trademarks in terms of ownership rights and enforcement mechanisms.	Analyze	CO4
18	Evaluate the effectiveness of compulsory licensing in balancing public interest and patent holders' rights.	Evaluate	CO2

19	Discuss how globalization and the Patent Cooperation Treaty (PCT) have reshaped India's patent-filing strategy.	Analyze	CO1
20	Propose a systematic model for patent searching and database management for agricultural innovations.	Create	CO3

Unit -III

Section: I (5 Marks questions, only Lower order Thinking -LOT)

S.N.	Question	Bloom Taxonomy	Course Outcome
21	Describe the objectives and significance of the UPOV Convention.	Understand	CO4
22	Explain the key features of the Protection of Plant Varieties and Farmers' Rights (PPV&FR) Act, 2001.	Understand	CO2
23	Discuss the rights of breeders, researchers, and farmers under the PPV&FR Act.	Understand	CO4
24	What do you understand by Traditional Knowledge (TK)? Explain the rights of TK holders.	Remember	CO4
25	Write short notes on registration of plant varieties under the PPV&FR Act, 2001.	Remember	CO4

Section-II (15 Marks questions, only higher order thinking - HOT)

S.N.	Question	Bloom Taxonomy	Course Outcome
26	Analyze the similarities and differences between UPOV and the Indian PPV&FR Act 2001.	Analyze	CO4
27	Apply the PPV&FR registration procedure to a hypothetical case of developing a new brinjal variety in Jharkhand.	Apply	CO2
28	Evaluate the socio-economic implications of farmers' rights and breeders' rights under the PPV&FR Act.	Evaluate	CO4
29	Critically analyze how traditional knowledge can be legally protected against biopiracy, citing Indian examples.	Evaluate	CO3
30	Design a policy framework that integrates traditional knowledge databases with modern IP protection systems in India.	Create	CO3

Unit -IV

Section: I (5 Marks questions, only Lower order Thinking -LOT)

S.N.	Question	Bloom Taxonomy	Course Outcome
31	Define Biological Diversity and state its importance in IPR.	Remember	CO4
32	Explain the main objectives and salient features of the Indian Biological Diversity Act, 2002.	Understand	CO2
33	Discuss the provisions for access and benefit-sharing under the Biological Diversity Act.	Understand	CO2
34	Write short notes on the Convention on Biological Diversity (CBD).	Remember	CO4
35	Describe the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA).	Understand	CO1

Section-II (15 Marks questions, only higher order thinking - HOT)

S.N.	Question	Bloom Taxonomy	Course Outcome
36	Apply the provisions of the Biological Diversity Act 2002 to explain the concept of access and benefit-sharing in plant genetic resources.	Apply	CO2
37	Analyze the relationship between the Convention on Biological Diversity (CBD) and the ITPGRFA in conserving agricultural biodiversity.	Analyze	CO1
38	Evaluate the effectiveness of India's biodiversity management committees in implementing the objectives of the National Biodiversity Authority	Evaluate	CO3
39	Assess the challenges faced by India in ensuring equitable benefit-sharing among indigenous communities.	Evaluate	CO3
40	Propose a national-level biodiversity conservation model integrating IPR, PPV&FR, and CBD frameworks	Create	CO3

..... END.....

Summary Sheet:

CO Wise

CO	Q. No	Marks
CO1	3,5,8,10,19,35,37	75
CO2	12,13,14,15,16,18,22,27,32,33,36	105

CO3	20,30,38,39,40,29	80
CO4	1,2,4,6,7,9,11,17,21,23,24,25,26,28,31,34	140
Total		400

Unit Wise

Unit	Q. No	Marks
Unit 1	1 to 10	100
Unit 2	11 to 20	100
Unit 3	21 to 30	100
Unit 4	31 to 40	100
Total		400

Blooms Taxonomy Level (BTL) Wise

BTL	Q. No	Marks
LOT	1,2,3,4,5,11,12,13,14,15,21,22,23,24,25,31,32,33,34,35	100
HOT	6,7,8,9,10,16,17,18,19,20,26,27,28,29,30,36,37,38,39,40	300
Total		400

Prepared By: Pratik Chandra Morya

Reviewed By: Dr. Neeta

Disclaimer: - This is a practice set. The Question in End semester examination will differ from the practice set. This practice set is meant for practice only.