

Q1. Write short notes on:

a) WIPO

Full form, Details about establishment and structure, Functions

b) Prior Art

What is prior art & its importance for patents

c) Biopiracy

Definition, examples/ case studies, how it affects communities

d) GEAC

Full form, structure, functions

Q2. a) Discuss Bioethical issues related to medicine and healthcare industry.

Issues related to: Source of medicine, method of production & testing, costing of medicines and testkits, in vitro fertilization processes; related examples/ case studies

b) With the help of an appropriate example, discuss patenting of micro-organisms.

History related to biological patenting, Diamond vs. Chakraborty case, Budapest treaty

Q3. a) Discuss in brief: Biohazards & Biosafety.

Biohazards: Risk assessment

Biosafety: BSL levels, respective micro-organisms classification

b) Discuss the role of IPRs in biodiversity.

Importance of biodiversity, Need for protection, Convention of Biodiversity

Q4. a) Discuss bioethical issues related to Human Genome Project.

Privacy and fairness in the use of genetic information, integration of new genetic technologies into the practice of clinical medicine, issues surrounding the design and conduct of genetic research

b) Write a note on infringement of IPR and remedies available for infringement.

What constitutes infringement in patents, copyrights, trademarks etc.

Remedies: Civil, Criminal, Injunctions, Anton-Pillar order, Damages

Q5. a) Discuss Farmer's Rights and Plant Breeder's Rights.

Need for protection, UPOV, registration of new plant varieties, rights granted, infringement and penalties

b) Write a note on non patentable subject matter.

As mentioned under section 3 & 4 of Indian Patent Act

Q6. a) Write a note on GMOs & LMOs. Discuss their environmental impact.

Definitions, genepool alteration, impact on non target organisms, development of superweeds

b) Explain in brief: Universal Copyright Convention & Paris Convention.

Year of treaty, member countries, subject matter of treaty, provisions made such as national treatment, priority treatment etc.