

**B.A., LL.B. (Hons.) DEGREE EIGHTH SEMESTER EXAMINATION, MAY 2023**

**SOCIETY, SCIENCE AND LAW**

**Time: 3 Hours**

**Maximum Marks: 50**

**Part-A**

**Write essays on any 4 of the following**

**(4 x 10 = 40)**

1. Explain the significance of the interrelationship between society, science and law. With the help of any example of a technology or scientific application, highlight your answer.
2. What do you understand by Bioethics? What is its relevance in biomedical research?
3. “The ethics of organ transplantation can be expressed in certain requirements or duties - medical integrity, scientific validity and valid consent”. Do you agree with this statement? Elaborate, with particular reference to India.
4. What do you understand by Gene editing? What is its promise and potential? How can law ensure that gene editing is used optimally for the benefit of the society?
5. What are the challenges raised by advancements in information and communication technology to privacy? With the help of legal provisions as well as case laws, substantiate your answer.
6. In your opinion, does ethics play a significant role in determining the impact of science on society? Use any technology or scientific advancement to justify your position.
7. Explain the response of law to the possibility of creation of property rights in the human body.

**Part- B**

**Answer any 2 of the following**

**(2 x 5 = 10)**

8. A couple from Japan would like to utilize medical tourism opportunities in India to have a child through surrogacy. They have heard of clinics with great track record and are ready to pay for the services. Advise the couple about the present legal structure regarding surrogacy.
9. Mr. X is implicated in a charge of arson. The police wants to use the data from his Fitbit, a wearable technology IoT device to verify his whereabouts and actions on the date of arson. Mr. X resists handing over the device and opposes use of the data in it, citing privacy. Decide.
10. A doctor receives an invitation to be an investigator in a clinical trial for a new promising experimental drug for kidney conditions. He hands out the samples free of cost to his patients, without informing them about the process being a clinical trial. All the patients show marked improvements, with no significant side effects. Is the doctor’s action ethically and legally valid?

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