

H110

B. Tech. EXAMINATION, 2020

(Eighth Semester)

(B. Scheme) (Main & Re-appear)

(BME)

BME458B

BIOMEDICAL ETHICS AND DEVICE REGULATION

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

Unit I

1. Discuss the nature and sources of medical laws and ethics. **15**
2. Discuss the law and ethics related to consent, confidentiality and clinical negligence. **15**

Unit II

3. Explain the following :
 - (a) Laws and ethics in relation to abortion and surrogacy
 - (b) Laws in relation to Reproductive Technology and Adult incapacity. **15**

4. Explain the ethics and laws in relation to mental health and end of life issues. **15**

Unit III

5. Discuss the significance of maintaining standards and regulations in medical profession. What are the various employment and other rights of doctors ? **15**
6. Explain the following : **15**
- (a) General Medical Council
 - (b) The Coroner's Court.

Unit IV

7. Discuss the standard classification of Medical Devices, Harmonized standards and CE approval. Give examples of each. **15**
8. Write technical notes on the following : **15**
- (a) Quality Assurance and testing of Medical Devices
 - (b) Patenting.