

DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

"T3-Examination, May 2018"

Semester: 4th

Subject: Professional and Ethical Issues

Branch: CE

Course Type: Core

Time: 1 1/2 Hours

Max.Marks: 40

Date of Exam: 17/05/2018

Subject Code: CSS629

Session: II

Course Nature: Hard

Program: M.Tech

Signature: HOD/Associate HOD:

Attempt all Questions in Part A. Attempt any two out of three questions in Part B and Part C.

Part A

Q1

- a What is the IEEE criteria that qualify a person for authorship of a research report / article as contrasted with acknowledgement for contributing to the research? 2
- b Define moral values with suitable examples. 2
- c Differentiate between plagiarism and self-plagiarism. 2
- d (i) _____ is the repeated act of harassment or threatening behaviour of the cyber criminal towards the victim by using internet services.
- (ii) As a marketing strategy, e-mail ID's of people are bombarded with unsolicited e-mails and business promotional materials. It is an ethical marketing practice. [True/False] 2

Part B

- Q2 What are intellectual property rights (IPR)? What are the advantages and downsides of using IPR? 8
- Q3 Discuss the various ethical issues involved in Chernobyl disaster. 8
- Q4 (a) Discuss your opinion on the critical subject of "Euthanaesia" . 5+3
(b) Making profit is a basic motive of business. Comment on why a grocer hoarding woodgrains to sell at a higher price at a later date to make more profit, is considered unethical.

Part C

Q5 Read the following case study:

Ganeshan is a doctor. He completed his MBBS and joined a private medical college and hospital for his post graduation. His father was also a doctor and practised in a small town. His father cherished the ideals of medical profession and practised them in a spirit. From childhood, he had seen his father dealing with patients and observed how he cared for them. He wanted to serve humanity like his father.

To his dismay, Ganeshan finds that the medical profession has undergone many changes and has highly commercial. He finds many doctors flouting medical ethics. He finds that many doctors, to earn money, prescribe various unwanted tests to be taken by patients. Quite often surgeries are performed where they are not warranted. Many operative procedures are done knowing fully well the they would not give fully satisfactory results. Over-medication and prescribing very costly medicines unnecessarily are quite common. Middlemen are employed to lure patients to the hospital and are paid commission for doing this job.

Ganeshan is very unhappy to see all this. He wants to leave the place but is also keen to complete his post graduation. He is really troubled by what he has experienced and does not know what to do.

Give your opinion on the following:

- A. Should Ganeshan leave, go back, and help his father in his practice? 8
- B. Should he continue and complete his studies and then leave?

C. What should he do to prevent such malpractices? As a fresh student of the postgraduate course, should he blow the whistle on such practices?

Q6 Briefly explain Maslow's hierarchical needs theory. **8**

Q7 What are the core set of skills needed for a professional engineer? **8**