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PFE301

Enrol. No.

[UC]

END SEMESTER EXAMINATION : NOV.–DEC., 2021

**PROFESSIONAL ETHICS AND
SOCIAL RESPONSIBILITY**

Time : 2 Hrs.

Maximum Marks : 50

Note: Attempt questions from all sections as directed.

SECTION – A (20 Marks)

Attempt any four questions out of five.

Each question carries 05 marks.

1. What is Utilitarian Theory?
2. Why ethical dilemmas is a challenge in decision making?
3. Elaborate on significance of VUCA.
4. Explain the concept of Inclusive development.

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5. Give two applications of ethics in different fields of knowledge enumerating their importance and scope of work.

SECTION – B (16 Marks)

Attempt any two questions out of three.

Each question carries 08 marks.

6. (a) Discuss the importance of duty ethics and virtue in your profession. Describe the Rights Theory and Virtue theory. (4)
- (b) Describe the various occupational crime among the professional. Explain the ethical issues encountered in Organizations. (4)
7. (a) The graduate students, post-docs, and professor in your research group have spent the past week brainstorming ideas for a major new proposal to submit to the National Science Foundation. After much discussion, the professor selects Sally's idea to be the core of the proposal, and invites John to be Co-PI with him, and to take the lead in coordinating preparation of the proposal. Both.

Sally and John are senior post-docs in the lab. It is a real honor and a career advantage to be a PI early in one's career. By offering one of his post-docs the opportunity to be Co-PI and work with him on preparing the grant, the professor is helping launch the postdoc's career. The issue is, why didn't the professor offer this opportunity to Sally, since the core idea in the proposal was hers?

In considering this scenario, how should the different students and post-docs respond to this decision by the professor? What should Sally do? (4)

- (b) Discuss the key functions of CSR dept of an organization. Explain the objectives of CSR and two policies concerning CSR. (4)

8. Write briefly in detail with the help of examples from the corporate world

- (a) Industrial standards
- (b) Limitations of code of ethics

SECTION – C **(14 Marks)**
(Compulsory)

9. Conflict of Interest Case Study :

You are a sixth-year graduate student at a large university in the final months of your dissertation research on novel photonic materials. You are worried about your next appointment, and have applied for several postdoctoral positions in this field plus a few tenure-track assistant professorships at universities where you would like to work. To your surprise and pleasure, you are invited for an interview for a tenure-track appointment at your undergraduate alma mater, a prestigious research institution in a city where you already have connections and would love to live. In the question-and-answer period following your seminar on your research, the department chair asks for detailed information about the novel material- preparation technique developed in your graduate research, and used extensively in your experiments.

Your group is working on a patent application and its members have agreed not to provide details until a paper currently being prepared is submitted for publication. Your thesis advisor will be giving the first major presentation on the technique at a major international conference in a couple months. You answer that you and your colleagues are in the process of writing it up for publication and a patent application, and you would be glad to send them an early preprint when it is available.

The question and answer period continues and concludes uneventfully and pleasantly. After the seminar, in your private interview with the Chair, he pushes harder for this information, remarking that the Department seeks team players, willing to share information with department colleagues, and referring to your undergraduate roots and the need to prove you are one of them to be a viable candidate for the position.

What should you do?

(a) What are the interests of the various players?

(6)

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(b) Where are there conflicts of interest? What are your options? (8)