



PART B — (5 × 16 = 80 marks)

11. (a) (i) Describe honesty as a fundamental virtue between engineers, employers and clients. (8)
- (ii) Engineers who work for tobacco companies betray their moral integrity or can they provide an adequate moral accounting for their work? Justify your answer. (8)

Or

- (b) (i) Explain how character influences one's personal and professional life. (8)
- (ii) Write a brief note on service learning. (8)
12. (a) Explain the uses of ethical theories and its limitations.

Or

- (b) (i) Describe the various theories on right action with examples. (10)
- (ii) What do you understand by moral autonomy? Discuss the skills to be acquired by the engineers to become morally autonomous. (6)
13. (a) "On being one's own rabbit" is an essay by J.B. Haldin who conducted many risky medical experiments on his own body. Discuss as a responsible experimenter to what extent such a practice is desirable or not.

Or

- (b) Explain the ethical issues involved in the Challenger case study.
14. (a) (i) Discuss the effect of information on the assessment of safety and risk. (8)
- (ii) Collegiality is an important virtue of team work — Justify. (8)

Or

- (b) (i) Describe the various occupational crimes among the professionals. (8)
- (ii) Write a brief note on intellectual property rights. (8)
15. (a) Explain the various ethical issues involved in computer science and technology field.

Or

- (b) Describe how the sample code of ethics serves as a model guide for professional conduct.