Reg. No. : [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Question Paper Code : 80500

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2016.

Seventh Semester

Textile Technology

GE 6075 – PROFESSIONAL ETHICS IN ENGINEERING

(Common to Sixth Semester Automobile Engineering, Civil Engineering, Manufacturing Engineering, Materials Science and Engineering, Polymer Technology and also common to Textile Technology and also Common to Fifth Semester Mechanical Engineering)

(Regulations 2013)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1.   What are human values in engineering ethics?

2.   List out any two aspects of honesty.

3.   Define Moral Dilemma.

4.   State Kohlberg's theory.

5.   What is the need to view engineering projects as experiments?

6.   Enumerate the roles of codes in ethics of profession.

7.   Define "Risk" in professional ethics perspective.

8.   What is collective bargaining?

9.   What is meant by computer ethics?

10.   Define Code of conduct.

PART B — (5 × 16 = 80 marks)

11. (a) Explain integrity and honesty in ethics.

Or

(b) Explain the role of Yoga and meditation in the field of professional excellence and stress management.

12. (a) Discuss in detail about the concept of

(i) Moral Dilemmas. (8)

(ii) Moral Autonomy. (8)

Or

(b) Discuss in details the various theories about right action.

13. (a) Explain in detail about engineers as responsible experimenters.

Or

(b) Explain in detail about balanced outlook on law.

14. (a) Define the term Risk and Safety. How we, Engineers assess the safety?

Or

(b) Discuss Event Tree analysis with some practical example of risk analysis.

15. (a) Explain in detail the various advantages and disadvantages of MNCs.

Or

(b) Describe the scope and functions of corporate responsibility.

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