

I B. Tech II Semester Supplementary Examinations, December - 2020

PROFESSIONAL ETHICS & HUMAN VALUES

(Com. to CE,ME,CSE,PCE,IT,Chem E, Aero E, Auto E, Min E, Pet E, Metal E & Textile Engg)

Time: 3 hours

Max. Marks: 70

Note: 1. Question paper consists of two parts (**Part-A** and **Part-B**)

2. Answering the question in **Part-A** is Compulsory

3. Answer any **THREE** Questions from **Part-B**

PART -A

1.
 - a) What are the challenges at work place that one comes across with? (4M)
 - b) What should be the approach towards moral values? (4M)
 - c) Describe the profession of engineering as experimentation. (4M)
 - d) Write the definition of safety. (4M)
 - e) What is a moral dilemma? (3M)
 - f) Explain the advantages of Indian patent act. (3M)

PART -B

2. a) What are the qualities required to act with moral commitment and responsible conduct? (8M)
b) Elaborate the factors behind the evolution of human values. (8M)
3. a) What are the types of inquiry? Explain. (8M)
b) Write about accountability. (8M)
4. a) Explain about (8M)
(i) Codes of ethics
(ii) Industrial standards.
b) Present a case study of any disaster that happened due to the lapses in engineering design. (8M)
5. a) Give a detailed account of types of risks. (8M)
b) Write about risk benefit analysis. (8M)
6. a) When should whistle blowing be attempted? (8M)
b) Explain two senses of loyalty. (8M)
7. a) Write about Indian patent act. (8M)
b) What are environmental ethics? (8M)