

B.E./B.TECH. Degree Examination, September 2020

Semester - VIII

GE16001 - Professional Ethics

(Regulation 2016)

Time: Three hours

Maximum : 80 Marks

Answer **ALL** questions**PART A - (8 X 2 = 16 marks)**

1. A company that owns or controls production in more than one nation is called:
 - (a) multinational corporation
 - (b) joint stock company
 - (c) global company
 - (d) none of these
2. One major factor that has stimulated the Globalisation process is:
 - (a) effective utilisation of resources
 - (b) increase in income and wealth
 - (c) willingness to cooperate
 - (d) rapid improvement in technology
3. Removing barriers or restrictions set by the government is called:
 - (a) liberalisation
 - (b) investment
 - (c) favourable trade
 - (d) free trade
4. Globalisation has created new opportunities of:
 - (a) employment
 - (b) emerging multinationals
 - (c) providing services
 - (d) all of the above
5. Engineers as Bureaucrat –Discuss?
6. What are the advantages of codes of ethics?
7. What are the limitations of standardized experimentation?
8. Define the term safety. How it is related to risk?

PART B - (4 X16 = 64 marks)

09. (a) (i) Explain the scope and importance of professional ethics in Engineering. (16)
(OR)
(b) (i) What is service learning? Discuss its role in caring and sharing in society with suitable examples? (16)
10. (a) (i) Discuss the theories of moral autonomy by Kohlberg and Gilligan. (16)
(OR)
(b) (i) Develop how beliefs influence the moral values (16)
11. (a) (i) Explain how the code of Ethics contributes in social or in workplace Justify your answer with suitable example. (16)
(OR)
(b) (i) How can an engineer become a responsible experimenter? Explain in detail. (16)
12. (a) (i) Describe the concept of Risk-Benefit analysis with an example. (16)
(OR)
(b) (i) Explain the Chernobyl Case with suitable ethics background like safety and responsibility breach. (16)