

B.E.. Degree Examination, December 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. What is morality?
2. What are the types of inquiries involved in engineering inspection?
3. List down the basic elements of informed consent.
4. What is fault tree analysis?
5. Which one provides a platforms for effective understanding and proper communication?
 - A) Empathy
 - B) Trust
 - C) Empathy and Trust
 - D) Self Confidence
6. How Professionalism can be achieved
 - A) Knowledge
 - B) Organization
 - C) Public Good
 - D) All of the above
7. Conscientiousness implies
 - A) Sense of Awareness
 - B) Clear Awareness
 - C) Factual Information
 - D) Moral Belief
8. Training to evaluate risks and face them _____
 - (A) Punctuality
 - (B) Self-acceptance
 - (C) Challenges
 - (D) Character

PART B - (4 X16 = 64 marks)

09. (a) (i) Compare senses of Ethics and Engineering Ethics. (8)
(ii) Where and how do moral problems arise in Engineering? (8)

(OR)

(b) (i) What is service learning? Discuss its role in caring and sharing in society with suitable examples? (16)
10. (a) (i) How did Gilligan view the three levels of moral development initiated by Kohlberg? (16)

(OR)

(b) (i) Write short notes on 'Professionals', 'Professionalism' and 'Profession' (8)

- (ii) State the important uses of Ethical Theories. (8)
11. (a) (i) What are the responsibilities of engineers for serving the society as responsible experimenters? (16)
- (OR)**
- (b) (i) What are the inspirations and guidance provided by the code of ethics for achieving the obligations by engineers? (16)
12. (a) (i) Under what circumstances the conflict of interest occurs with the employees? (12)
- (ii) What is the difference between bribe and gift? (4)
- (OR)**
- (b) (i) Explain the analytical methods available in testing the safety of an engineering product. (16)