

27/11/18

Indian Institute of Engineering Science & Technology, Shibpur

B.Tech (ETC, CST, EE, IT) 1st SEM FINAL EXAM. November 2019  
SOCIOLOGY & ETHICS [Hu-1102]

Full Marks: 50

Time : 3 hours

**1<sup>st</sup> Half: Sociology**

Attempt question 5 and any two other from the following. Candidates are expected to write in their own expression so far as practicable.

1. Why do engineers need to be aware about their contemporary social reality? How does sociology augment such awareness? Give suitable illustrations in support of your argument. [5+5+5]
2. Elucidate the flow of motivation. Name the factors that affect the motivational complex. [8+7]
3. Name three general driving forces of industrial system. Clarify their interrelationship. [5+10]
4. The culture of an industrial society, in its essence, reflects the dynamics of S&T. Explain. [15]
5. Short note (any two)
  - a. E-R- G complex
  - b. Capitalism.
  - c. Dyad vs Triad.[2.5x2]

**2<sup>nd</sup> HALF: Ethics**

Please answer both the case lets in 'Ethics'

6. a) In an official gathering my boss took credit of an idea of mine which was to reduce cost of performing a few activities, without affecting quality of the jobs.

How will you handle this ethical issue posed by the manager ? [5]

6. b) In a company a group of R&D department's personnel are passing information about research related developments to the competitors. This is going to severely affect the competitive edge of this Company. Your superior has assigned the task of investigating this unethical practice by these people and suggest steps to stop this leakage. [10]

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