

Indian Institute of Engineering Science and Technology, Shibpur
B.Tech 1st Semester Final Examination for Groups I - IV, March 2021

Sociology and Professional Ethics (HU1102)

Full Marks: 50

Writing Time: 90 minutes

Upload Time: 20 minutes

Group A (Marks 35)

Answer Question no. **5** and **any two** from the rest. Answers should be brief and to the point.

1. "Safety pin" is a rudimentary example of technology. However, a sociological observation reveals that it reflects some major features of technology. What are they? [15]
2. Social change is a dynamic reflection of continued evolution. Explain with example. [8+7]
3. Transformation of a group from a dyad stage to a triad stage reflects a composite makeover. Elucidate. [15]
4. How does inequality survive in contemporary society? Is there a culture to sustain inequality in modern society? Give reasons for your answer. [8+7]
5. Short notes (any two): [2.5×2]
 - a. P³ complex
 - b. Science as a system.
 - c. Institution of belief system
 - d. Rationality

Group B (Marks 15)

6. You are a Research Director of a reputed research institution in the country. You need to solve a very serious problem facing this institution. It is the leakage of research findings. Which measures you may adopt to stop this pilferage? [15]

Or

"The future of an organisation depends on both technical and ethical excellence" Discuss [15]

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