

Indian Institute of Engineering Science and Technology, Shibpur  
B.Tech 1<sup>st</sup> 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):
  - a. P<sup>3</sup> complex
  - b. Science as a system.
  - c. Institution of belief system
  - d. Rationality[2.5×2]

**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]