

**2007-COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**I B.TECH MODEL EXAMINATION**  
**TECHNICAL COMMUNICATION AND SOCIAL SCIENCE**

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**TECHNICAL COMMUNICATION**

1. Do as directed in the brackets.

- a) They found him guilty of murder (change into passive voice)
- b) He was too late that he could not catch the train (change into simple sentence using 'too')
- c) As soon as they took refuge in his domains he put them to death (rewrite using 'no sooner than')
- d) If you do not sing I won't dance (rewrite using 'unless')
- e) Hydrogen is the lightest of all gases (use comparative degree)
- f) She said to me, "Ram gas borrowed my book" (use indirect speech)
- g) Is this the way to behave in a classroom? (change into affirmative sentence)
- h) He descends.....a noble family (supply the correct preposition)
- i) I am not a rich man (rewrite into affirmative sentence)
- j) a) logaritham b) logorithm c) logarithm d) logarithm pick the correctly spelt word.

2. Suppose you are appearing for a job interview. Frame five questions the interview board is likely to ask you.

3. a) Write a letter to the editor of a newspaper about the alarming rise in the number of road accidents. Suggests a few measures for preventing them.

b) Compose a conversation between two friends on the uses and abuses of mobile phones.

4. a) Describe with illustrations different types of charts and graphs used in technical communication.

b) Prepare your CV and a covering letter.

**SOCIAL SCIENCE**

1. Write notes on: a) appropriate technology b) moral dilemma c) food chain d) bio diversity e) rain water harvesting.

2. a) Write a short essay on the technological advance of modern India.

OR

b) What is meant by engineering ethics? Discuss.

3. a) Describe the concept of an ecosystem. Describe the structure and functions of a forest ecosystem. How is it different from an aquatic ecosystem?

OR

b) Describe the causes, effects and control measures of air and water pollution.