

## UNIVERSITY OF HYDERABAD

**School of Social Sciences**  
**Centre for Knowledge Culture and Innovation Studies (CKCIS)**  
**ENTRANCE EXAMINATION - 2011**  
**Ph.D. Programme in Science Technology and Society Studies**

TIME: 2 HOURS

MAX. MARKS: 75

This question paper has three sections. Read the instructions before answering the questions.

## Section I

Marks: 30

Answer any TWO of the following questions (2 x 15 marks). Limit your answer to 250 words.

1. What are the arguments put forward by various stake holders in the debate on the setting up of Nuclear Power plant at Jaitapur in Maharashtra? How do you see the debate, especially in light of the recent nuclear disaster in Japan, (although the proposal of the Jaitapur Power Plant was cleared by the Ministry of Environment and Forestry, Government of India, before the disaster), in relation to the stake holders' arguments?
2. Is Technology value free? Justify your answer.
3. New technology inevitably is a result of old technology and new scientific knowledge. Discuss.
4. How do you understand the notion of risk in the context of pursuing development or deployment of a technology?
5. Any knowledge claim must be scientific in order to be considered legitimate. Critically evaluate this statement.
6. What is innovation? Discuss its relations with culture.

## Section II

Marks: 20

Write an essay of 200 words on any TWO of the following topics (2 x 10 marks)

- a) Information society
- b) People's Knowledge vis-a-vis Scientific Knowledge
- c) Intellectual Property Rights (IPRs)
- d) Technological Self-Reliance

## Section III

Marks: 25

1. Formulate a research problem to carry out your doctoral research in the area of science, technology and society studies. Delineate its theoretical, methodological and operational aspects.

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