

**SEVENTH SEMESTER B.TECH. (ENGINEERING) DEGREE
EXAMINATION, JUNE 2010**

IT 04 705 (F) – CRITICAL PERSPECTIVES OF TECHNOLOGY

(2004 Admissions)

Time : Three Hours

Maximum : 100 Marks

Answer all questions in Section I, which is compulsory.

Each question carries 5 marks.

Section II has 4 questions under items 2, 3, 4 and 5. Each item has 2 alternatives (a) and (b).

*Student has to choose any one of these alternatives. All **four** questions have to be answered.*

Each question carries 15 marks.

Section I

Answer all questions.

1. (a) 'Knowledge is more organic than mechanical' – Why?
- (b) Explain 'knowledge economy'.
- (c) What is Tripartite account of knowledge?
- (d) Explain inductive reasoning.
- (e) Distinguish explicit and tacit knowledge.
- (f) What is learning organisation?
- (g) Explain the concept of human capital.
- (h) What is the hierarchy of business intelligence? Explain different stages.

(8 × 5 = 40 marks)

Section II

Answer by selecting either of the alternatives from each questions 2, 3, 4 and 5.

2. (a) "Successfully applied knowledge management has impact on organisations in terms of both direct competitive advantage and in building a learning culture with shared vision and common purpose" – Elucidate this statement.

Or

- (b) Explain the importance of information audit towards building up an effective knowledge society – Cite examples.

Turn over

3. (a) Why knowledge management was perceived as a fad by social systems? Explain the issues relating to it.

Or

- (b) Why do social scientists prefer hypothetico-deductive approach in researches to reduce risk producing society? Elaborate.

4. (a) What are the features of an innovative cycle as against that of a knowledge sharing cycle in the modern society?

Or

- (b) Explain the core technological developments and the related risks the society is facing in the present era.

5. (a) Explain the concept of work-life balance, and describe how technology designs the daily life pattern, with examples.

Or

- (b) How knowledge affects the power of experts in a society in the context of culture, social relations and ethics?

(4 × 15 = 60 marks)