M.A. PHILOSOPHY

Term-End Examination

June, 2012

00374

MPYE-013 : PHILOSOPHY OF TECHNOLOGY

Time : 3 hours   *Maximum Marks : 100*

Note : (i) *Answer* **all** *the five questions.*

(ii) *All questions carry* **equal** *marks.*

(iii) *Answers to question No.* **1** *and* **2** *should be in about* **500** *words each.*

1. What is nano technology ? Explain its nature and   20
    scope and discuss various social and ethical
    concerns of nano technology.

    OR

    What do you understand by artificial intelligence   20
    [AI] ? Discuss how the knowledge of the nature of
    cognition process is an essential element for
    understanding the nature of artificial intelligence ?

2. Discuss the notion of [human] death. Elaborate   20
    Thomas Nagel's view on death in detail.

    OR

    Define human genome project. Delineate its   20
    advantages. Discuss elaborately the larger
    philosophical issues connected with human
    genome project.

3. Answer *any two* of the following in about *250* words each :

    (a) Make a scientific analysis of the Chaos theory. Explain briefly the significance of Chaos theory to philosophy.   **10**

    (b) Define fractals. Explain practical applications of fractals.   **10**

    (c) What do you know about stem cell research ? Discuss various sources of stem cell.   **10**

    (d) Explain the limbic system hyper-activation theory of religious experience.   **10**

4. Answer *any four* of the following in about *150* words each :

    (a) Explain the concept of mind uploading.   **5**

    (b) What is cultural transmission ?   **5**

    (c) Briefly discuss the three symbols of evil.   **5**

    (d) Briefly explain Neurotheology.   **5**

    (e) What is your understanding of Qualia ?   **5**

    (f) Briefly explain brain death and the loss of personhood.   **5**

5. Write short notes on *any five* of the following in about *100* words each :

   (a) Technological determinism   4

   (b) Bio informatics   4

   (c) Genetic discrimination   4

   (d) Quantum indeterminism   4

   (e) Functionalism   4

   (f) Dasein   4

   (g) Computational theory of mind   4

   (h) Neuro culture   4

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