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MPYE–013

M. A. IN PHILOSOPHY (MAPY)

Term-End Examination

December, 2024

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) *Answer to Question Nos. 1 and 2 are to be written in about **500** words each.*

1. What is Chaos Theory ? Does it present a viable alternative to Newtonian and Quantum Mechanics ? Justify your answer. 20

Or

What are fractals ? Discuss philosophical and practical significance of fractals. 20

2. Explain Human Genetic Engineering. What are some social and ethical issues associated with it ? Explain. 20

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Or

Discuss in detail how neurology and consciousness are related. 20

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

(a) What is Artificial Intelligence ? What are its philosophical implications ? 10

(b) Discuss Spinoza's views on Death. 10

(c) What is Technological Singularity ? Highlight the technologies facilitating it. 10

(d) Discuss the philosophical and social issues related to the Human Genome Project. 10

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

(a) What are the issues associated with ELSI ? 5

(b) Briefly discuss the ethical issues related with Nanotechnology. 5

(c) What is the nature of cognition in machines ? 5

(d) Write a note on commodification of human being. 5

- (e) Discuss Thomas Nagel's views concerning Death. 5
 - (f) What is Physical Immortality ? 5
5. Write short notes on any *five* of the following in about **100** words each :
- (a) Cryonics 4
 - (b) Qualia 4
 - (c) Techne' 4
 - (d) Fallibility 4
 - (e) Idea of 'Wholly Other' 4
 - (f) Bioinformatics 4
 - (g) Pluripotent cell 4
 - (h) Linearity 4

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