

No. of Printed Pages : 3

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

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 |

× × × × × × ×