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MPYE-013

M. A. PHILOSOPHY (MAPY)

Term-End Examination

December, 2023

MPYE-013 : PHILOSOPHY OF TECHNOLOGY

Time : 3 Hours

Maximum Marks : 100

Note : *Answer all the five questions. All questions carry equal marks. Answer to question nos. 1 and 2 should be in about 500 words each.*

1. What is Butterfly effect ? Elaborate on the significance of the Butterfly effect or Fractals.

20

Or

What are some of the challenges and prospects of Human Genetic Engineering ? Explain in detail.

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2. Write an essay on the challenges offered by Artificial Intelligence to Philosophy.

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Or

Explain the significance of the immortality project and relate it to evil.

20

P. T. O.

3. Answer any *two* of the following in about **250** words each :
- (a) What is the understanding of death according to the Epicureans and Stoics ? Illustrate. 10
 - (b) What is neurological studies ? Mention some of its significance. 10
 - (c) What is mind uploading ? Explain some of the ethical challenges. 10
 - (d) What is nanotechnology ? What are its possible applications ? 10
4. Answer any *four* of the following in about **150** words each :
- (a) "Death is a part of life." Comment. 5
 - (b) Write a note on the significance of technological singularity. 5
 - (c) Mention some of the research goals of ELSI. 5
 - (d) We are 'beings-towards-death'. Comment. 5
 - (e) What are the crucial choices humanity faces today ? 5
 - (f) Bring out some of the general functions of cyborg. 5

[3]

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

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|----------------------------|---|
| (a) Cerebrum | 4 |
| (b) Spinal cord | 4 |
| (c) Mitochondria | 4 |
| (d) Spinoza | 4 |
| (e) Human Genome Project | 4 |
| (f) Gerontology | 4 |
| (g) Species transformation | 4 |
| (h) Chaos Theory | 4 |