

M.A. PHILOSOPHY (MAPY)

Term-End Examination

December, 2012

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 other.*

1. What is nano technology ? Explain its applications in different fields and discuss various social and ethical concerns of nano technology. 20

OR

Explained the evolutions and development of the human brain. Can neuroscience possibly solve the puzzle of consciousness ? 20

2. Give an overview of artificial intelligence. Relate and analyze artificial intelligence and the functionalist theory of mind. 20

OR

Define human genome project. Discuss its future prospects. Examine various ethical and legal issues involved in the project. 20

3. Answer **any two** of the following in about **250 words** each :
- (a) Differentiate between newtonian determinism and Quantum indeterminism. **10**
 - (b) Explain the meaning and significance of neurotheology. **10**
 - (c) Discuss the relationship between technology and science. **10**
 - (d) What is immortality project ? How is participating in the immortality project something wrong ? **10**
4. Answer **any four** of the following in about **150 words** each :
- (a) What is the relevance of Chaos theory in the contemporary world. **5**
 - (b) Explain DNA **5**
 - (c) How is culture and nature related ? **5**
 - (d) Describe Genetic Discrimination. **5**
 - (e) Explain significance of Fractals. **5**
 - (f) What do you understand by ELSI ? **5**

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

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|-------------------------------------|---|
| (a) Singularity | 4 |
| (b) Philosophy of technology | 4 |
| (c) Genetics | 4 |
| (d) Physical Immortality | 4 |
| (e) Stem cells. | 4 |
| (f) Mystical Experience. | 4 |
| (g) Cosmic extinction. | 4 |
| (h) Commodification of human beings | 4 |
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