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M.A. PHILOSOPHY (MAPY)

Term-End Examination

June, 2014

MPYE-013 : PHILOSOPHY OF TECHNOLOGY

Time : 3 hours

Maximum Marks : 100

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- Note :** (i) *Answer all five questions.*
(ii) *All questions carry equal marks.*
(iii) *Answers to question No. 1 and 2 should be in about 500 words each.*
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1. Give a critical exposition of the philosophy and relevance of Chaos theory. 20

OR

What is genome project ? Analyse the legal and ethical issues involved in it. 20

2. What is Artificial Intelligence ? Explain its possible categories from the human and rational perspectives. 20

OR

What do you understand by physical immortality ? Discuss the various possible scientific bases for the claim. 20

3. Answer **any two** of the following in about **250 words** each :
(a) Discuss the various ethical and social impacts of technology. 10

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| (b) | Is technology amoral ? Discuss. | 10 |
| (c) | Explain the concept of 'Death' in Martin Heidegger's thought. | 10 |
| (d) | Bring out the multidisciplinary significance of nanotechnology. | 10 |
4. Answer **any four** of the following in about **150 words** each :
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|-----|--|---|
| (a) | What are the unique properties of the stem cells ? | 5 |
| (b) | Distinguish between culture and nurture. | 5 |
| (c) | Briefly explain the uses of Human Genome Project in Medical field. | 5 |
| (d) | Briefly explain Herbert Simon's equation of the functions of brain and computer. | 5 |
| (e) | What do you understand by the loss of personhood ? | 5 |
| (f) | How does evil manifest ? | 5 |
5. Write short notes on **any five** of the following in about **100 words** each :
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|-----|---|---|
| (a) | The neurobiology of mystical experience | 4 |
| (b) | Singularity | 4 |
| (c) | Cloning | 4 |
| (d) | Newtonian Determinism | 4 |
| (e) | Physical symbol system hypothesis | 4 |
| (f) | Qualia | 4 |
| (g) | Neuro-culture | 4 |
| (h) | Cosmic Death | 4 |
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