M.A. PHILOSOPHY (MAPY)

Term-End Examination

December, 2016

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 questions no. 1 and 2 should be in about 500 words each.*

1. Bring out the philosophical implications of the theory of Chaos.   20

OR

Discuss various ethical issues surrounding Human Genome Project.   20

2. Examine the theory of functionalism against the background of artificial intelligence.   20

OR

Is human immortality a myth ? Discuss.   20

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

(a) Evaluate the sociological aspects of nanotechnology.   10

(b) Examine the relevance of technological determinism against the background of social reconstruction.   10

(c) Can we correlate the functions of the brain with its structure ? Explain. **10**

(d) What does 'Mind uploading' mean ? Explain. **10**

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

(a) Contrast Newtonian determinism with quantum indeterminism. **5**

(b) What do you know about induced pluripotent stem cells ? **5**

(c) Does genetic engineering, ultimately, destroy natural order ? **5**

(d) Describe brain death. **5**

(e) Is consciousness merely a neurological phenomenon ? **5**

(f) Describe the symbols of evil. **5**

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

(a) Control of Chaos **4**

(b) Hyper reality **4**

(c) Properties of stem cells **4**

(d) Germ-line gene therapy **4**

(e) Crick's theory of cognition **4**

(f) Dream **4**

(g) Death - an evil **4**

(h) Non-human disaster **4**