

M.A. PHILOSOPHY (MAPY)

Term-End Examination

June, 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. Analyse the limits of Euclidean Geometry. 20

OR

Critically examine various philosophical issues concerning genetic engineering. 20

2. 'Artificial intelligence ceases to be artificial if it succeeds in making computers think.' Comment on this statement. 20

OR

Give a critical exposition of Heidegger's theory of death. 20

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

(a) Does Chaos describe quantum theory ? 10
Justify your opinion.

- (b) Assess the implications of technology on ethical grounds. 10
- (c) Compare and contrast human perception and computer perception. 10
- (d) Write a note on man-made disaster. 10
4. Answer **any four** of the following in about **150** words each :
- (a) Explain the uses of nano technology in medical fields. 5
- (b) Describe nature-culture dualism. 5
- (c) What are the advantages of human genome project ? Describe briefly. 5
- (d) What is the nature of machine learning ? 5
- (e) Explain briefly the functions of the brain. 5
- (f) Is death an evil ? Comment. 5
5. Write short note on **any five** of the following in about **100** words each :
- (a) Linearity and nonlinearity 4
- (b) Applications of fractals 4
- (c) Adult stem cells 4
- (d) Genetic discrimination 4
- (e) Turing machine 4
- (f) Brain death 4
- (g) Cloning 4
- (h) Dasein 4
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