

No. of Printed Pages : 4

**MPYE-013**

**M. A. (Philosophy) (MAPY)**

**Term-End Examination**

**June, 2020**

**MPYE-013 : PHILOSOPHY OF TECHNOLOGY**

*Time : 3 Hours*

*Maximum Marks : 100*

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

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1. Compare and contrast Euclidean and fractal systems of geometry. 20

*Or*

Evaluate the applications of genetic engineering against philosophical background.

2. Trace the evolution of neurology. 20

**P. T. O.**

Or

Is physical immortality a myth ? Justify your answer.

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

(a) Briefly discuss the ethical implications of nanotechnology. 10

(b) Distinguish between pure science and applied science. 10

(c) What does turing test indicate ? Explain.

10

(d) Trace the transition from possibility of evil to its actuality. 10

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

(a) Contrast determinism with indeterminism.

- (b) Distinguish between nature and nurture. 5
- (c) What are the advantages of bioinformatics? 5
- (d) What steps have been initiated to counter racial discrimination? 5
- (e) Distinguish between mystical vision and dream. 5
- (f) What is a moral evil? 5
5. Write short notes on any *five* of the following in about 100 words each :
- (a) Biomimics 4
- (b) Singularity 4
- (c) Gene therapy 4

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|---------------------------------|---|
| (d) Cloning                     | 4 |
| (e) Crick on consciousness      | 4 |
| (f) Molecular switch            | 4 |
| (g) Human-made disaster         | 4 |
| (h) Authentic attitude to death | 4 |