

M.A. PHILOSOPHY (MAPY)

Term-End Examination

December, 2016

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**MPYE-009(S) : PHILOSOPHY OF SCIENCE
AND COSMOLOGY**

Time : 3 hours

Maximum Marks : 100

Note :

- (i) *Answer all five questions.*
- (ii) *All questions carry equal marks.*
- (iii) *Answers to questions no. 1 and 2 should be in about 500 words each.*

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1. Explain the historical significance of the philosophy of science. Do you think philosophy of science is a "science criticism"? Comment. 20

OR

Explain in detail the issue of perception, thought and language in the philosophy of science. 20

2. Write an essay on the scientific and religious perspectives of truth. 20

OR

Do you think there is some weirdness in quantum mechanics ? Explain quantum mechanics and its practical value. 20

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

- (a) Write a short essay on logical positivism. 10
- (b) Explain the relation between philosophy of science and epistemology. 10
- (c) What is feminist account of science ? Elaborate. 10
- (d) Briefly explain some of the philosophical issues in science. 10

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

- (a) What is the contribution of Kepler to cosmology ? 5
- (b) Describe the place of values in science. 5
- (c) What do you mean by incommensurability ? 5
- (d) Explain the personic view of the cosmos. 5
- (e) Describe the problems of inductive reasoning. 5
- (f) What is the relativity of simultaneity ? 5

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

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| (a) Cosmic Egg (Brahmanda) | 4 |
| (b) Natural Philosophy | 4 |
| (c) Steady State Theory | 4 |
| (d) Cause-Effect Relationship | 4 |
| (e) Multiuniverse | 4 |
| (f) Nasadiya Sukta | 4 |
| (g) Epistemological Anarchism | 4 |
| (h) Uncertainty Principle | 4 |
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