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MPYE-009

M. A. (PHILOSOPHY)

(MAPY)

Term-End Examination

December, 2025

**MPYE-009 : PHILOSOPHY OF SCIENCE AND
COSMOLOGY**

Time : 3 Hours

Maximum Marks : 100

Note : (i) *Answer all the **five** questions.*

(ii) *All questions carry equal marks.*

(iii) *Answers to question nos. 1 and 2
should be written in about **500** words
each.*

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1. What is Weinberg's idea of Philosophy ?
Explain why 'Philosophy of Science' is
understand as 'Science Criticism'. 20

Or

What is Cosmology ? How is it related to
Cosmogony and Science ?

2. What are the contributions made by Galileo, Copernicus and Kepler to Science and Cosmology ? 20

Or

Discuss Indian Cosmology and Puranic view of the Universe.

3. Answer any **two** of the following questions in about **250** words each :
- (a) Draw a comparison between the Religious perspective on Truth and the Scientific perspective on Truth. 10
 - (b) What is Logical Positivism ? How does historicism present a challenge to Logical Positivism ? 10
 - (c) Discuss the feminist account of Science. 10
 - (d) Explain 'Scientific Method' and its various kinds. 10
4. Answer any **four** of the following questions in about **150** words each :
- (a) What is the concept of Island Universe ?

- (b) What is the significance of the principle of causality for Science ? 5
- (c) Briefly discuss the common concept of Philosophy of Science and Metaphysics. 5
- (d) What is the problem with inductive reasoning ? How can it be resolved ? 5
- (e) "Observation cannot be separated from interpretation." Comment. 5
- (f) What is the philosophical significance of Schrödinger's cat ? 5
5. Write short notes on any *five* of the following in about **100** words each :
- (a) Science as social enterprise 4
- (b) Expansion of the Universe 4
- (c) Hubble's law 4
- (d) Cosmological Theory 4
- (e) Historicism 4
- (f) Scientific Realism 4
- (g) General theory of Relativity 4
- (h) Natural Philosophy 4

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