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MPYE-009

M. A. (PHILOSOPHY)

(MPY)

Term-End Examination

June, 2025

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

Time : 3 Hours

Maximum Marks : 100

Note : Answer all the **five** questions. All questions carry equal marks. Answer to question nos. 1 to 2 should be in about **500 words each**.

1. Explain various themes discussing the end of universe. 20

Or

Give a critical analysis of Kuhn's theory of science. 20

2. What is Philosophy of Science ? How are philosophy of science and metaphysics related ? Discuss. 20

Or

Give an account of scientific and religious perspectives of science. 20

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

(a) Write a detailed note on logical positivism. 10

(b) Explain the place of values in science. 10

(c) Is the universe infinite or finite ? Explain. 10

(d) Explain the issue of perception, thought and language in the philosophy of science. 10

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

(a) What is inflationary theory ? 5

(b) What do you understand by Falsification ? 5

(c) Describe uncertainty principle. 5

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- (d) How would you explain “Relativity of Simultaneity” ? 5
 - (e) What are the basic claims of scientific realism ? 5
 - (f) Explain the concept of Island Universe. 5
5. Write short notes on any *five* of the following in about **100** words each :
- (a) Multiverse 4
 - (b) De-coherence 4
 - (c) Puranic views of cosmos 4
 - (d) Big-Bang Theory 4
 - (e) Practical Value of Quantum Mechanics 4
 - (f) Scientific Antirealism 4
 - (g) Feminist account of science 4
 - (h) Revolutionary Science 4

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