

Ex/PHI/PG/3.4.9/2025

MASTER OF ARTS EXAMINATION, 2025

(2<sup>nd</sup> Year, 3<sup>rd</sup> Semester)

PHILOSOPHY

PAPER : PHI/PG/3.4.9

( Philosophy of Science I : Thematic Preliminaries )

Time : Two Hours

Full Marks : 30

GROUP—A

1. How do you explain the claim that modern science influences the whole course of Western philosophy? Discuss following Rosenberg. 10

( OR )

2. Discuss the relationship between philosophy of science and physics through a suitable example. 10

3. Discuss the relevance of first order and second order questions in the context of philosophy of science following Rosenberg. 5

( OR )

4. Why did philosophy remain important as a branch of knowledge after mathematics and physics branched out as separate disciplines from it? Discuss. 5

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[ Turn Over ]

( 2 )  
GROUP—B

5. Discuss Whewell's proposal that : in order to see any patterns, we need to examine the actual process of discovery in the various sciences. 10

( OR )

6. Discuss Hume's Scepticism in the context of the history of science. 10

7. Briefly discuss Descartes' inversion of Francis Bacon's Theory of Procedure. 5

( OR )

8. Briefly discuss Aristotle's claim that genuine scientific knowledge has the status of necessary truth. 5

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