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**Group – B**

3. Discuss different fact gathering activities of ‘normal science’ following Kuhn. How do experiments help in the articulation of a paradigm? Discuss following Kuhn.

10+5=15

*Or*

4. Discuss the ‘methodology of scientific research program’ following Lakatos. How does it differ from Popper and Kuhn’s criteria of demarcation? Explain.

8+7=15

Ex/PHIL/PG/4.4.9/2022

**MASTER OF ARTS EXAMINATION, 2022**

(2nd Year, 4th Semester)

**PHILOSOPHY**

**[ OPTIONAL : PHILOSOPHY OF SCIENCE III ]**

Time : Two Hours

Full Marks : 30

**Group – A**

1. How do the logical positivists use their theory in the context of the demarcation principle? Why do they think that the metaphysical issues occur because the metaphysician is misled by a superficial grammatical feature of his language? Discuss in detail. What type of value or worth do metaphysicians have, according to them? Discuss.

4+6+5=15

*Or*

2. How is the distinction between strong verifiability and weak verifiability relevant in the field of philosophy of science? Can weak verifiability help to achieve the objective of the logical positivists satisfactorily? Discuss after Carnap and Popper. What is Popper’s recommendation in this regard?

5+5+5=15

[ Turn over