K17P 1240

Reg. No. : ....

Name : ....

Third Semester M.A. Degree (Reg./Suppl./Imp.)
Examination, November 2017
PHILOSOPHY
(2014 Admn. Onwards)
PHI 3C 12 : Philosophy of Science

Time : 3 Hours   Max. Marks : 60

PART – A

Answer **any one** question. Answers should **not** exceed **800** words. **Each** answer carries **15** marks.

1. State and examine the Logical positivists method in Science.
2. Bring out the distinctive contribution of Thomas Kuhn to Philosophy of Science.

(1×15=15)

PART – B

Answer **any three** questions. Answers should **not** exceed **400** words. **Each** answer carries **10** marks.

3. Discuss the subject matter of Philosophy of Science.
4. Define scientific explanation and discuss the role and significance of causality in scientific explanation.
5. Expound the notion of demarcation criterion.
6. Explain uncertainty principle.
7. Write a note on feminist philosophy of science.

(3×10=30)

PART – C

Answer **any three** questions. Answers should **not** exceed **200** words. **Each** answer carries **5** marks.

8. Bring out Hempel's model of explanation in science.
9. Write a note on Newton's views on space and time.
10. Elucidate Stephen Hawking's account of 'Towards a theory of everything.
11. Explain the principle of natural selection.
12. Explain Paul Feyerabend's notion of epistemological anarchy.

(3×5=15)

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