



K18P 1026

Reg. No. :

Name :

Third Semester M.A. Degree (Reg./Suppl./Imp.) Examination, October 2018
PHILOSOPHY
(2014 Admn. Onwards)
PHI3C12 : 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. Examine the different models of explanations in science.
2. Give an exposition of M. N. Roy's interpretation of humanism in the light of modern science. (1×15=15)

PART – B

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

3. Bring out the relation between Philosophy and Science.
4. Examine the Baconian method in science.
5. Explain Karl Popper's account of scientific progress.
6. Bring out the epistemological questions in quantum mechanics.
7. Distinguish between pre-science and normal science. (3×10=30)

P.T.O.



PART – C

Answer **any three** questions. Answers should **not** exceed **200** words.

Each answer carries **5** marks.

8. Distinguish between verification and falsification.
9. Expound the notion of demarcation criterion.
10. Examine the relativity theory of space and time.
11. Bring out the causes and purposes of natural selection.
12. Elucidate Paul Feyerabend's notion of epistemological anarchy. **(3×5=15)**