



K17P 0500

Reg. No. :

Name :

**Fourth Semester M.A. Degree (Supplementary) Examination, March 2017
(2013 and Earlier Admn.)
PHILOSOPHY
PH-113 : Philosophy of Science**

Time : 3 Hours

Max. Marks : 80

PART – A

Answer **any one** question. Answer **not** to exceed **1000** words. **Each** question carries **15** marks.

1. State and explain the functions of science.
2. Give an exposition of reality in the context of Quantum Mechanics with reference to ontological and epistemological questions. **(1×15=15)**

PART – B

Answer **any four** questions. Short essay **not** to exceed **600** words. **Each** question carries **10** marks.

3. Distinguish between science and Philosophy.
4. Explain the nature and scope of Philosophy of science.
5. Discuss the nature of scientific investigation.
6. Bring out J. S. Mills view of causality.
7. Write a note on Human Genome Project.
8. Explain Social Darwinism. **(4×10=40)**

P.T.O.



PART - C

Answer **any five** questions. The short notes **not** to exceed **250** words. **Each** question carries **5** marks.

- 9. Bacon's account of the nature of scientific inquiry.
- 10. Ritualism and science.
- 11. Value neutrality.
- 12. Deductivism.
- 13. Paradigm shift.
- 14. Theory of Relativity.
- 15. Radical relativism.
- 16. Sociobiology.

(5x5=25)