



M 26967

Reg. No. : .....

Name : .....

IV Semester M.A./M.Sc./M.Com. Degree (Reg./Sup./Imp.)

Examination, March 2015

PHILOSOPHY

PH-113 : Philosophy of Science

Time : 3 Hours

Max. Marks : 80

PART – A

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

1. Discuss the structure of scientific revolution propounded by Thomas Kuhn.
2. Evaluate Darwin's theory of organic evolution. (1×15=15)

PART – B

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

3. Discuss the relationship and distinction between Science and Philosophy.
4. Bring out the pre-suppositions of science.
5. Elucidate Hume's views on causality.
6. Give an exposition of the Dual nature of matter and energy in the light of Quantum Revolution.
7. How did Darwin's hypothesis were proved by Gregor Mendel's findings and modern genetics ?
8. How far humanism be justified in the context of modern science ? Discuss. (4×10=40)

P.T.O.

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PART – C

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

9. Science and commonsense.
10. Value neutrality.
11. Nature of scientific investigation – the 7 steps.
12. Improbabilism.
13. Falsification theory.
14. Paradigm Shift.
15. The principles of Natural Selection and Competitive Struggle to survive.
16. Radical relativism. (5×5=25)