



**RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES**

Bachelor of Science in Applied Sciences

Bachelor of Science in Information Technology

Bachelor of Science in Health Promotion

First Year - Semester II Examination – January / February 2023

IDC 1201 – PHILOSOPHY OF SCIENCE

Time: Two (02) hours

Answer FOUR (04) questions.

1. **Science**, counting from the days of Thales (c. 624-c. 546 BC)—the Father of Science—has a “short” history of only about 2,600 years. Short as it is, it is long compared to the span of modern science, a mere 400 years or so since Galileo (1564-1642).

a) Briefly explain Fundamental Science, Basic Science and Applied Science. **(40 Marks)**

b) Clarify the following statements about science..... **(15 x 4 = 60 marks)**

i. The process of science is purely analytical and does not involve creativity

ii. Scientific ideas are absolute and unchanging.

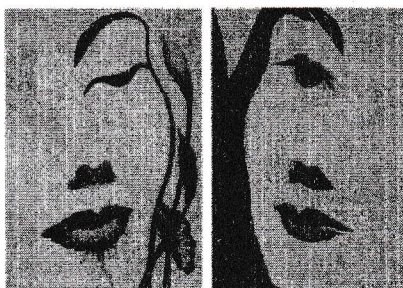
iii. Science proves ideas.

iv. Scientists are completely objective in their evaluation of scientific ideas and evidence.

2. Briefly explain what Philosophy is and its Nature.

(100 marks)

Philosophy is one of the most challenging undertakings a human can enter into. It is one of the most powerful mental disciplines humans have developed in their time on this planet. It has changed the course of human events around the world in manners that are both subtle and in some that are quite obvious. Philosophy has evolved or arisen in every major human civilization. It is a natural development for minds that are inquiring and critical.



THINGS ARE NOT ALWAYS AS THEY APPEAR

3. Philosophy like most academic fields have many branches.

a) LIST the main branches of Philosophy.

(50 marks)

b) Briefly explain each of the branches.

(50 marks)

4. Considering the present Global crisis, briefly comment on the Social and Political Philosophy.

(100 marks)

5. Write short notes on any four of the following:

(25 x 4 = 100 marks)

a. Philosophical skills and methods

b. Philosophy and Religion

c. "BEAUTY LIES IN THE EYES OF THE BEHOLDER".

d. Significance of ethics in the modern society

e. Significance of ethics in the modern society

f. Emerging philosophies of Technology, Ecology and Organization.

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