

S1 PHYSICS

INSTRUCTIONS:

- Attempt all the questions and write the essays in a very neat handwriting.
 - Each number should start from a fresh page.
 - Use the internet and research well before answering the questions. Each essay should occupy 1 to 3 pages. Essays occupying less than 1 page will score 0.
-
1. State any ten reasons why students in Uganda need to study Physics? Use examples of the possible technological advancements which can be made using the knowledge of Physics.
 2. (a) What is Plasma?
[Hint: What is plasma made up of and what are its properties?]
(b) Why do we need to study plasma in Physics?
 3. The knowledge of Physics has been and is still being developed by many scientists. Throughout history, there are many names of these great scientists who have changed the way people live on earth.
(a) Study any two great Physicists and write down their biographies.
(b) What lessons do you learn from these individuals?