Worksheet 1 Questions – The history & benefits of PV

1. Briefly identify at least 3 main phases in the development of PV as a technology

2. Describe in 3 lines each, 4 completely different applications of PV technology. Provide one reason for each, as to why PV is a good energy source for the application.

3. PV is often used to supply power to lights in households or community buildings at night in developing countries. Give 2 examples of how the use of PV in lighting, helps to improve the economic development of poor people.

4. Explain, with the aid of a diagram, how the greenhouse effect works, and explain how the use of photovoltaics can reduce the effect of global warming.

5. Identify three natural greenhouse gases, and their common sources.

6. Describe in 2-3 lines each, 3 non-environmental benefits of photovoltaics

7. List 3 ways PV is used to provide services in rural health clinics.