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Programme: Mechanical Engineering

**ENVIRONMENTAL STUDIES ASS. 2**

**1.**

**2.** The four Rs include:

* Review: Study the environment and observe the amount and waste being generated in that environment.
* Reduce: Try to cut down on the waste being generated in that environment.
* Reuse: Before throwing an item think about if there is any other purpose could serve in its current state.
* Recycle: Gather used materials that would otherwise be thrown away and turn them into new items.

3. The pillars of sustainable development are:

* **Social**
* **Economic**
* **Environmental**

all of which are initiatives and actions aimed at the preservation of a particular resource

4. The theories of environmental ethics are;

* Anthropocentrism
* Biocentrism
* Ecocentrism

5. Population of Kumasi at 2020 = 3348000

Expected population in 2021 = [ (br% x pop) - (dr% x pop) + (imm% x pop) – (emm% x pop)] + population as at 2020.

= ( 10044- 3348 + 13392-167) + 3348000 = 3367921 people

6. Environmental engineers ensure;

* The proper disposal or recycling of urban rural waste
* The elimination of industrial health hazards
* Provision of safe water
* Provision of adequate sanitation in urban, rural and recreational centres