

# 1 Reading assignment 10. Bioethics

Answer the following:

1. What are the four principles of Bioethics?

- (a) **Autonomy**
- (b) **Non-maleficence**
- (c) **Beneficence**
- (d) **Justice**

2. What is Biotechnology?

**A set of technologies specifically aimed at manipulating living things, including human beings themselves, arguably for the common good.**

3. What is meant by "Bioethics"?

**A shared mode of normative analysis, a common way of thinking, an overarching framework for moral deliberation, a recognized set of tools with which to reason and debate or a widely accepted ethics decision-making model.**

4. Provide an example of an ethical dilemma.

**From the context of marine biotechnology research, development, and aquaculture, a beneficence principle means the researcher or organization must take proactive steps to ensure their actions yield positive results for humans, but for non-humans as well. Often both cannot be accomplished**

Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5532639/>