

**BIOL416 – Bioethics of Genetics and Genomics**

**Spring 2019-2020**

**Review Questions 2**

**Considering the Ethics of WES/WGS and DTC Testing**

1. Generate a consent form sample for patients who will take WES testing for Ovarian Cancer.
2. You are a senator and must vote on whether genetic testing should be available only through a doctor or genetic counselor or whether people should be able to purchase a test directly from a company. What would you vote for?

Discuss the concerns and consequences of the different actions you could take. What are the benefits and risks of different choices? What are the possible ethical, legal, and social implications? Prepare a summary of your analysis.

Some things to consider:

- Why do you think someone might want direct access to his or her genetic information without the involvement of a doctor?
- How do you think genetic testing can improve health care?
- How reliable are the test results, and how much information can those tests actually give people about their health? Should genetic tests be regulated to meet accuracy and reliability standards?
- Do you think most people would be able to interpret such test results without the guidance of a doctor or genetic counselor? What are some of the risks of misinterpreting genetic information?

**\*Write down the references in case you use sources to answer questions.**

**\*\*The submission will be done via Turnitin latest by 30.04.20, 23:59.**

**Class ID: 24400126**

**Enrollment Key: bioethics**