### **Chapter 22: Genetic Engineering**

1. According to the *Playing God Argument*, genetic engineering involves a kind of

a. genius.

b. selfishness.

c. arrogance.

d. omnipotence.

Answer: c

\*2. On the understanding of playing God considered in this chapter, which of these people would count as playing God?

a. Parents who intend to conceive a child

b. A soldier who sacrifices themselves to save their comrades

c. An emergency room doctor who makes life and death decisions

d. All of the above

Answer: d

3. The *Playing God Argument* relies on the idea that

a. only God is able to change people’s traits.

b. only people who can discern God’s will should be permitted to perform genetic enhancement.

c. God does not approve of genetic enhancement.

d. None of the above

Answer: d

\*4. Critics of genetic engineering are typically not critical of

a. GMOs.

b. CRISPR-cas9.

c. genetic therapies.

d. genetic enhancement.

Answer: c

5. What does GMO stand for?

a. Germline modified organism

b. Genetically modified organism

c. Genetic modification only

d. Germline modification only

Answer: b

6. Sandel suggests that technology that enables genetic engineering may have arisen not as a byproduct of medical research, but as an expression of

a. our obsession with certain aesthetic traits.

b. our desire for immortality.

c. our resolve to see ourselves as masters of our nature.

d. All of the above

Answer: c

7. What is an example of a self-defeating effect of genetic engineering?

a. If everyone tried to gain an advantage by making their children taller because height is socially desired, none of those children would have any relative benefit.

b. If everyone tried to gain an advantage by making their children look inconspicuous, none of those children would actually look inconspicuous.

c. If everyone tried to gain an advantage by making their children more intelligent, none of those children would benefit from being more intelligent.

d. All of the above

Answer: a

8. According to Bostrom, some limitations might be impossible for us to transcend given the metaphysics of

a. personal identity.

b. time and space.

c. causation.

d. personal freedom.

Answer: a

\*9. Which of the following defenses against paternalistic intervention by the cognitively enhanced is successful according to Wikler?

a . Intervention is unnecessary because the unenhanced can ask the enhanced for help or advice.

b. Experience shows that well-meaning paternalistic interventions, even by our intellectual superiors, is not consistently for the best.

c. We should be able to make decisions for ourselves, even if we err in the process, because we learn from our mistakes.

d. None of the above

Answer: d

\*10. According to Wikler, what would be the effect of enhancing the intellectual capacity of most, but not all, members of society?

a. It would erode the foundations of egalitarianism.

b. It would justify denying some rights to the unenhanced.

c . It would undermine the claims of many current citizens to equal status.

d. All of the above

Answer: d