1. The two main ways 3D printing can be used in industry are rapid prototyping and rapid manufacturing. 1 point

- (●) True
- ( ) False

2. What does the phrase "complexity is free" mean? 1 point

- (●) New possibilities emerge from the ability to print something free.
- ( ) You can make complex parts with 3d printing
- ( ) The marginal cost of adding complex features to an object is zero.
- ( ) Complex objects are free to print for students enrolled in universities.

3. 3D printing disrupts manufacturing. Out of the reasons discussed, which option below is false?

- ( ) Cost and quality issues in 3d printing lead to adoption barriers.
- ( ) Printing is useful to print obsolete parts.
- ( ) Expectations of volume rise in production.
- (●) Implementation is too expensive.

4. According to the Wohler's Associates 2016 report, how many 3D printers were sold in 2015?

- ( ) About 100,000
- (●) About 278,000
- ( ) About 120,000
- ( ) About 80,000

5. Which of the following is(are) true about 3D printers? Select all that apply. 1 point

- [x] 3D printing allows for more complexity than traditional methods.
- [x] 3D printers can print objects larger than themselves.
- [x] 3D printers get directions from software that interprets design files.

6. What is one problem associated with using 3D printing for manufacturing? 1 point

- (•) There are no economies of scale
- ( ) You cannot produce intricate geometries.
- ( ) There is a lot of waste

7. It is possible to use a 3D printer to create structural airplane parts.

- (•) True
- ( ) False

8. In what way(s) will the job market be affected through 3D printing? 1 point

- [x] Jobs will be lost.
- [x] There will be a shift from selling products to selling designs.
- [x] New startups will be created.

9. An important factor for success in bioprinting is to create an environment that mimics the human body. 1 point

- (•) True
- ( ) False

10. What application of 3D printing that we've discussed so far do you find the most interesting? 1 point

- [x] Bioprinting
- [x] Zero gravity printing
- [x] Printing completely functional objects
- [x] Digital materials printing
- [x] 3D printing food