**Knowledge Transfer Quiz: Sustainable Biomanufacturing & SUT**

1. Sustainable Manufacturing is the use of living organisms or biological systems to produce goods while minimizing environmental impact. – **True or False**?
2. Single Use technologies (SUTs) can increase the risk of product cross-contamination. – **True or False**?
3. Biomanufacturing looks to optimize resource use efficiency.– **True or False**?
4. Using microorganisms to convert waste-derived feedstocks into valuable chemicals and materials is referred to as “bioconversion”. – **True or False**?
5. Gamma radiation is typically used to sterilize SUT components. – **True or False**?
6. The use of SUTs can slow down product development and manufacturing timelines. – **True or False**?
7. SUT facilities often require less floor space and consume less energy and water compared to traditional systems. – **True or False**?
8. One main drawback of SUTs is the generation of plastic waste. – **True or False**?
9. The “circular economy” for SUTs encourages rethinking, re-engineering, reducing, reusing and recycling SUTs and their packaging. – **True or False**?
10. Over 90% of currently used plastics are derived from virgin fossil feedstocks. – **True or False**?
11. Chemical recycling is generally preferred among post-use SUT management solutions. – **True or False?**

**ATTENDEE NAME:** (*Please print*): **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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