**NAME: Due by 11:59 pm on Friday March 27th, 2020**

**TECH 330 – Global Challenges Session PART 2 (50-points)**

This is a homework assignment. Be thorough in your responses. Each question should be at least a paragraph long and not less than three sentences. Make sure you answer all parts of each question.

**NetHope SDG & ICT Playbook**

1. Compare and contrast the Related Development Sectors on Page 12 of the SDG & ICT Playbook with the following from past class discussions determining the top categories of major global challenges facing our society. *Climate Change/Global Warming – Poverty – Hunger – Water Crisis - Health*
2. Which of the Technology Building Blocks (pages 23 through 51) can have a positive impact on overcoming the global challenges identified in class on Tuesday? Will the impact be direct or indirect? Explain.
3. Please review the Technology Uses by Sector (pages 52 - 60) and identify which current technologies will have the greatest potential to address the top 5 global challenges identified on Tuesday. Have you been exposed to these technologies (or related technologies) during your time at Purdue? If so, please explain how the technology was utilized.
4. What future advances in technology applications identified in #3 above are being developed today? What are their enhancements and how will it impact our effectiveness in heading off Global Challenges?
5. What was your biggest take-away from completing this activity?