



Name: _____ School ID: _____ Department: _____

College (3) Worksheet: Technology Saving Lives

Material: Sea Rescue, Mountain Rescue, Drones in Dubai AI's

Instructions: Read the questions below and write a short reflection (3-5 sentences) for each.

1. Reliability vs. Fatigue

The text notes that human eyes suffer from fatigue and inconsistency during long searches, whereas AI maintains 90% accuracy without getting tired.

- **Question: In high-pressure jobs like medicine or rescue, should we trust AI reliability more than human judgment? Is there a danger in relying too much on a machine's consistency?**

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2. Technology as a Tool, Not a Replacement (Sea Rescue) Sailor Sam Mayall says, *"Technology isn't replacing people. It's very much a tool to enhance people."*

- **Question: Do you agree with this statement? Can you think of a situation where technology might actually *replace* the person instead of just helping them?**

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3. **The End of the "Hero" Rescuer? (Sea Rescue)** The text mentions that usually, rescuers "put their hero capes on" to save others, but the new *Guardian* boat is unmanned and controlled remotely like a video game.

- **Question: Do you think taking the human rescuer out of the physical danger makes the rescue less "heroic," or is it simply smarter? Why?**

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4. **Boring Jobs vs. Dangerous Jobs (Dubai Drones)** In Dubai, drones are used for dangerous things (keeping airports safe) but also for boring things (cleaning dust off solar panels).

- **Question: If you could design a drone to do one "boring" or "dirty" job in your own city to make life better, what would it be and why**

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5. **Safety vs. Freedom (Dubai Airport)** Dubai uses the "Skytrax" system to track every single drone in real-time to prevent accidents at the airport.

- **Question: Do you think the government tracking every drone is a necessary safety measure, or does it feel like too much control/surveillance? Explain your view.**

