

## How AI Impacts the World Answer Key

#1: AI analyzes traffic patterns → traffic lights adjust automatically → fewer traffic jams → cars move more efficiently.

#2: AI studies what movies you watch → streaming service suggests similar movies → people discover new shows they enjoy → users spend more time watching.

#3: AI tutoring system gives instant feedback → students correct mistakes right away → students improve their skills → test scores go up.

#4: AI recommends products online → customers see items they might like → customers buy items more quickly → stores sell more products.

#5: AI handles repetitive tasks → workers spend less time on boring jobs → workers have more time for creative work → productivity increases.

#6: AI reviews medical images → unusual patterns are detected → doctors spot diseases earlier → patients get treatment sooner.

#7: AI translates languages instantly → people can talk without needing a translator → people from different countries understand each other → global teamwork improves.

#8: AI scans video footage for unusual activity → suspicious behavior is flagged → security teams respond faster → crime or danger is reduced.

#9: AI studies soil and weather data → predicts the best planting times → farmers plant at the best time → crops grow better.

#10: AI powers voice assistants like Siri or Alexa → devices answer questions or set reminders → people get quick answers or reminders → daily tasks are easier.