

# **Society, Ethics, & Technology Midterm Exam: Study Guide 2016**

## **I. Terms to know (be able to give 3 key attributes of each term/concept):**

1. Moore's law
2. hegemony
3. teleology
4. utopia/dystopia
5. Operation Stellar Wind & PRISM
6. Tsar Bomba
7. Foreign Intelligence Surveillance Act (FISA)
8. Will to Power
9. paradigm
10. luddite vs technophile
11. 'lethal autonomy' vs 'man in the loop'
12. metadata
13. Stuxnet
14. Turing Test
15. Strong A.I. vs. Weak A.I.
16. frame problem
17. gelassenheit & social capital
18. Singularity
19. MAD strategy
20. Total # of nukes according to Ploughshares and Countdown to Zero
21. According to Countdown to Zero: \_\_\_?\_\_\_min + \_\_\_?\_\_\_ bombs = \_\_\_?\_\_\_deaths

## **II. People / Places to know (be able to give 3 key attributes of each):**

1. William Binney
2. Arjuna & Krishna
3. Friedrich Nietzsche
4. Edward Snowden
5. Dalai Lama
6. Prometheus & Pandora
7. George Gilder
8. Babel
9. Cain & Abel
10. Ned Ludd
11. Aung San Suu Kyi (including your favorite quote from "Freedom from Fear" Speech)
12. Andrei Sakharov

13. Robert Oppenheimer
14. Ray Kurzweil
15. John Searle
16. St. Augustine
17. Martin Luther King (esp. elements discussed in class + fav. quote from "Beyond Vietnam")
18. Foxconn
19. Thomas Hobbes & State of Nature quote: "solitary, poor, nasty, brutish & short"
20. 9 countries w. nuclear weapons + significance of S. Africa, Iran

### **III. Things that would be good to know for short & long essay questions:**

1. The Fourth Amendment (memorize it- you'll have to write it)
2. Pros & Cons of five ethical theories
3. the *Jus ad bellum* & *Jus in bello* criteria
4. lessons from ancient origins myths regarding tech., ethics, and society
5. Pros & Cons of a surveillance state
6. William James' criteria regarding important decisions from
7. Walter Kaufman's/Martin Buber's 6 "I/Thou" relationships
8. Searle's Chinese Room Argument
9. Dalai Lama's Tibetan terms used to explain his outlook (Chs. 1-7).
10. Frank Jackson's Black & White Mary argument.
11. Aspects of contract relations.
12. Be able to match authors with key lines/paragraphs from their writings.