

**I. Terms: Be able to define the following**

1. Nanometer & micron with example sizes
2. "Grey goo scenario"
3. Smart dust
4. post-human / cyborg / android
5. eugenics
6. genocide
7. Newspeak
8. Wannsee Conference
9. Nuremberg Laws
10. empathy
11. buckyballs & buckytubes
12. "The One Ring of Power" from Lord of the Rings.
13. mycelium
14. graphene
15. Sacred Headwaters, British Columbia
16. Geoengineering, examples of/proposals for
17. social capital
18. Resource Curse
19. zero population growth/population bomb
20. Tesla Powerwall & Powerpacks

**II. People/Places: Be able to identify at least three aspects regarding each**

1. Francis Galton
2. Theodore Kaczynski
3. Bill Joy
4. Herbert Spencer
5. Saint Francis of Assisi
6. Shark Island, South Africa
7. K.Eric Drexler
8. Charles Darwin: Origins of Species & Decent of Man
9. Harriet McBride Johnson
10. Elon Musk
11. Kurt Vonnegut
12. Aldous Huxley
13. George Orwell
14. Peter Singer / Drowning Child Argument
15. Dalai Lama & key terms
16. Martin Heidegger
17. Gandhi
18. Kim Jong-Il & Kim Jong-Un

**III. Short Answer & Essay:**

1. 8 aspects of civil disobedience
2. Choose and know any eight "specific techniques" / attributes of propaganda from Wikipedia article Propaganda Techniques: [http://en.wikipedia.org/wiki/Propaganda\\_techniques](http://en.wikipedia.org/wiki/Propaganda_techniques)
3. Four Environmental heresies of Stuart Brandt (from TED talk)
4. Four types of love
5. Aristotle's four causes
6. Five theories of ethics
7. Asimov's Three Laws of Robotics
8. 3 pluses and negatives of nanotech
9. "People" & "Terms" from Midterm Study Guide.

10. William James' criteria regarding important decisions from Will to Believe
11. Walter Kaufman's/Martin Buber's 6 "I/Thou" relationships
12. Frank Jackson's Black & White Mary argument.
13. Be able to match authors (post mid-term) with key lines/paragraphs from their writings.
14. What you've learned from the Dalai Llama