STUDY GUIDE FOR EXAMINATION #3B PHILOSOPHY 2306 (BIOETHICS) Spring 2010

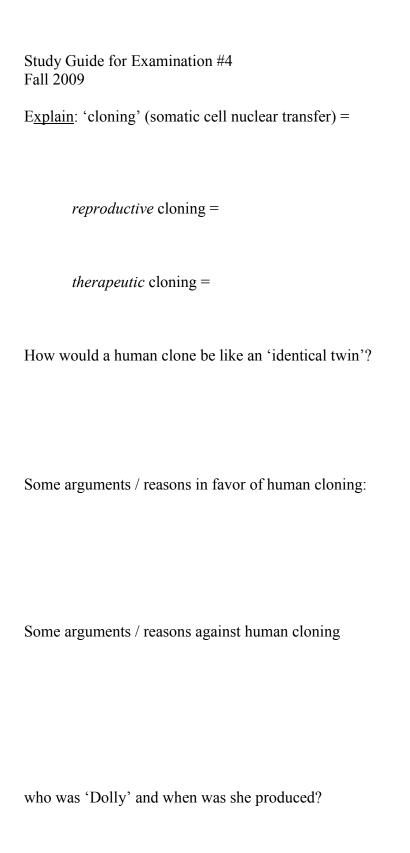
Define / explain:
Biology =
Bioethics =
Biotechnology =
Genetics =
Genome =
Genomics =
DNA =

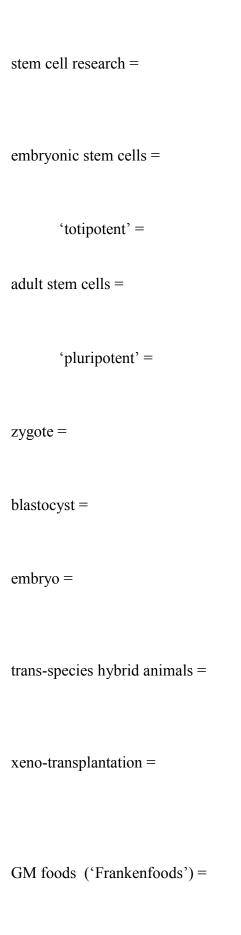
Chromosomes =
Gene =
Genotype =
Genetic engineering =
Explain the following perspectives on the acceptance of new technologies: 1) Innovators
2) Early adapters
3) Early majority followers
4) Late majority followers
5) Laggards

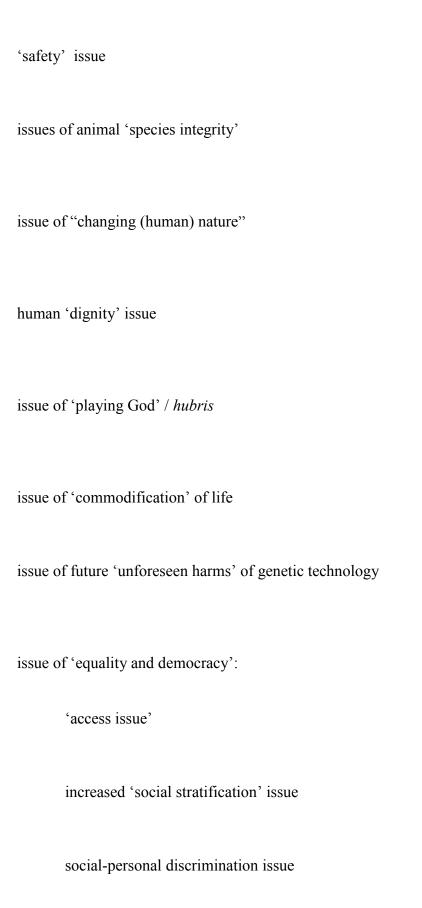
Know the following basic principles of bioethics according to the UNESCO 'Declaration on Bioethics and Human Rights'

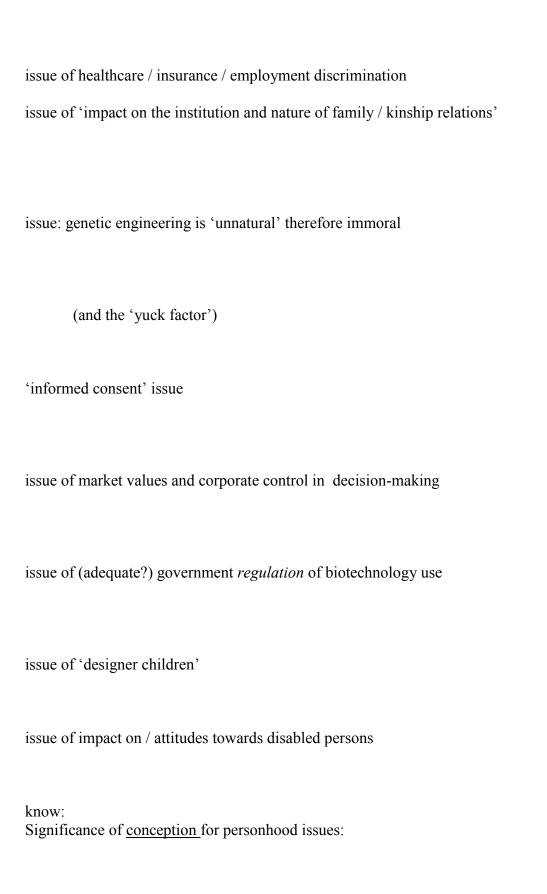
3. 'Human Dignity' – Human 'Rights' – 'Fundamental Freedoms' 4. 'Benefits and Harms' 5. 'Autonomy- and 'individual responsibility' 6. 'Informed Consent' 7. 'Capacity to Consent' 9. 'Privacy' and 'Confidentiality' 10. 'Justice' and 'Equality / Equity' 11. Non-Discrimination 12. 'Respect' for 'Cultural Diversity' and 'Pluralism' 13. Human 'Solidarity' 14. 'Social Responsibility' 15. 'Sharing of benefits' 16. 'Protecting Future Generations'

17. 'Protecting the Environment'









Significance of <u>embryonic 'twinning' and 'fusion'</u> for personhood issues:

Significance of $\underline{implantation}$ for personhood issues: