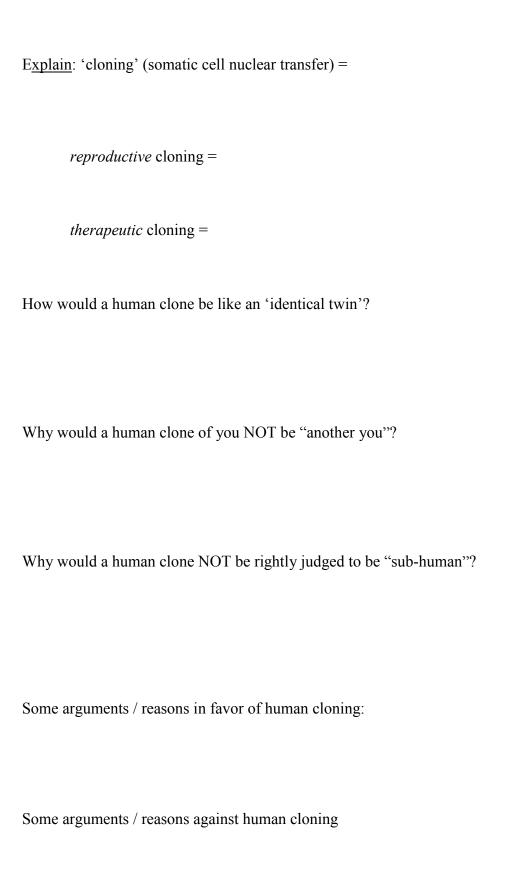
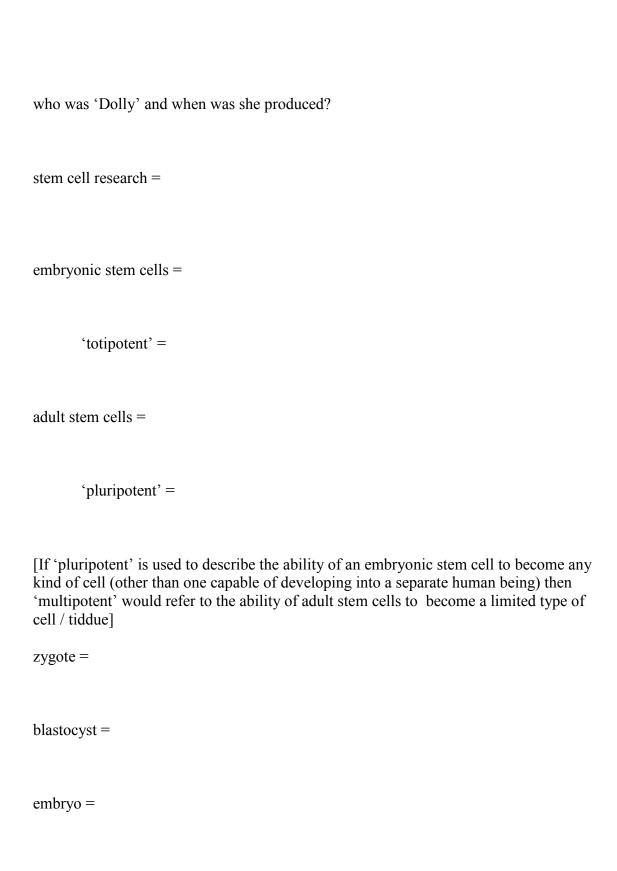
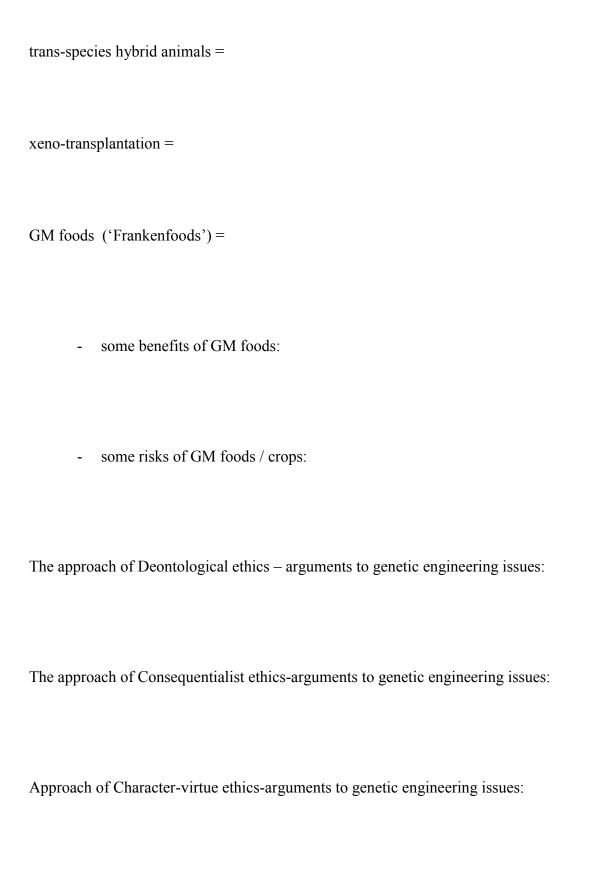
STUDY GUIDE FOR EXAMINATION #4 PHILOSOPHY 2306 (BIOETHICS) Spring 2010

Define / explain:
Gene =
Genome =
Genotype =
Phenotype =
Genetic engineering =
Genetic <u>therapy =</u>
Genetic Screening=
Genetic <u>enhancement =</u>
somatic cell gene therapy =
germ cell / 'germ line' gene therapy =







Contrast 'conservative' and 'progressive' attitudes towards advances in biotechnology.
Explain: Basic Ethical Concerns- Issues:
'liberty issue' (of scientists to use biotechnology)
issue of 'need-necessity' (use of biotechnology in particular cases)
'safety' issue
issues of animal 'species integrity'
issue of "changing (human) nature"
human 'dignity' issue
issue of 'playing God' / bubyis
issue of 'playing God' / hubris
issue of 'commodification' of life
and of Commodification of the

