## **Pre-implantation Genetic Diagnosis (PGD)**

1.	Describe 'PGD'. Hints: IVF, 8-cell embryo, remove one cell, screen, implant chosen embryo	
2.	How is PGD used in the UK today? Please give examples of specific co	onditions.
3.	Is it right to say that PGD can treat genetic abnormalities? Explain you	ur answer.
4.	92% of 'Down's Syndrome pregnancies' are aborted in the UK. Some Syndrome pregnancies. Do you think this is right? Give reasons for you	
5.	UK law (in 2011) does not allow PGD to be used to choose the gender disorder that only affects either males or females). Do you think coup gender of their children? Give arguments on both sides before stating	oles should be allowed to choose the

## "Designer Babies"

	tabloids use the term 'designer baby'. Is this an accurate term in such cases? Explain.	
2.	As well as using PGD to avoid having a child with a genetic number of other characteristics. List several examples.	disorder, PGD could also be used to rule out a
3.	What does 'Eugenics' mean? Explain, with reference to the	e Nazis.
4.	So, what does the term 'designer baby' actually mean?	
5.	"If science can let me choose to have a child who is stronge whether I use the technology or not." Do you agree? Give conclusion.	
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## **Saviour Siblings**

1.	Describe the process of creating a 'Saviour Sibling IVF, PGD, check for inherited disorder, check for a compatibility, implant, birth, umbilical cord, possimedical procedures.	lonor
2.	Why do people use PGD to create a donor sibling just having a child the natural way?	s instead of
3.	Make a list of arguments for and against allowing	the use of PGD to create donor siblings.
	For	Against
4.	"Christians should be against allowing donor sibl stating your conclusion.	ings." Do you agree? Give reasons on both sides before

## **Therapeutic Cloning**

1.	Describe how therapeutic cloning works. Hints: Donor egg, remove nucleus, cell removed from patient, patient's nucleus -> egg, 'shock', embryonic stem cells used
2.	How would Judson ('How to build a human') benefit from therapeutic cloning?
3.	Why does Michael J Fox support embryonic stem cell research?
4.	More than 100 million people could benefit from therapeutic cloning. List the types of treatment or procedure it could lead to.
5.	Why do some people think that therapeutic cloning is wrong? Give at least two of their reasons.
6.	"Christians should support therapeutic cloning." Do you agree? Give reasons on both sides before stating your conclusion.

eproductive Cioning	CANAL
How is reproductive cloning different from ther	rapeutic cloning?
2. Which animals have been successfully cloned fr	rom an adult?
3. What problems have arisen from reproductive of	cloning in animals?
4. Why might people want to create human clones	s? Give several examples.
5. List arguments for and against allowing human	reproductive cloning:
For	Against
6. "Cloning humans goes against God, is complete both sides before stating your conclusion.	ely unnatural and wrong." Do you agree? Give reasons o