## **Multiple Choice on Biogenetics**

1	Fill in the blanks with the appropriate word or phrase from the word bank provided.											
	Biotechnology cloning controversial DNA DNA fingerprinting Embryonic stem cells											
	Epigenetics ethnolo	ogical concern f	ertile F	ertility	gene ge	enetic disc	order	Genetics				
	manipulation											
	is a science field involving the											
	of living organisms or	their components	s to produ	uce valual	ble produ	ucts. The բ	orocess (	of creating ar	exact			
	genetic replica of an organism is called					. Cloning has been a						
		top	oic due to	ethical a	nd moral	l concerns	surrour	nding the clo	ning of			
	humans.		, or	deoxyrib	onucleic	acid, carr	ies the g	enetic instru	ctions			
	for all known organisms' development, functioning, growth, and reproduction.											
		is a	a techniqı				-	unique pattei				
	an individual's DNA.			ć	are plurip	potent cell	ls derive	d from the in	ner			
	cell mass of a blastocyst, an early-stage pre-implantation embryo.											
	is the study of heritable changes in gene expression or cellular phenotype caused by mechanisms other											
	than changes in the underlying DNA sequence. There is an											
	regarding the unequal	distribution and	use of bio	otechnolo	gical adv	vancemen	ts across	s different etl	nnic			
	groups. A		in	ıdividual i	s capable	e of produ	icing offs	spring.				
		ref	ers to the	e ability o	f an orga	nism to re	eproduce	e. A				
		is a	a unit of h	neredity tl	nat is trai	nsferred f	rom a pa	arent to offsp	ring			
	and is held to determi	ne some characte	eristic of t	he offspr	ing.				is the			
	study of genes and the	ir role in inherita	nce. A				is	a genetic co	ndition			
	caused by abnormaliti	es in an individua	l's DNA.									

Englisch Seite 1/2

text continued ... / 11

Genetic engineering Genetic modification genome GM (genetically modified) food											
In vitro fertilisation laboratory O	rgan donation Soc	cial egg freezing	Surgery								
To implant something into Xenotra	ansplantation										
	is the process of a	tering an organis	m's genetic mak	eup using							
biotechnological methods.		have had	d their genetic m	aterial altered in							
a way that does not occur naturally through mating or natural recombination. The complete set of genes or											
genetic material present in a cell or organism is referred to as its											
	refers to crops tha	t have been mod	ified using genet	ic engineering							
techniques.	involve	es placing an obje	ect into a particul	ar place,							
especially when talking about placing an object into a living organism.											
involves fertilising an egg with sperm outside the body in a laboratory setting. A											
	is a medical profes	sional trained to	perform surgica	procedures.							
	is the branch of m	edicine that invol	ves treating dise	ases or injuries							
by operative procedures.		is a proces	ss where a woma	an's eggs are							
extracted, frozen, and stored for futur	re use.		involve	s transferring an							
organ from one body to another for the purpose of replacing a damaged or failing organ.											
	is the transplantat	ion of living cells,	tissues, or orgar	ns from one							
species to another.											
			Points:	/ 25							

Englisch Seite 2/2