

Q-3	Explain the following techniques with suitable diagram-	
a.	Cryopreservation	7
b.	Hybridoma technology	7
Q-4	What do you mean by Immunoglobulins? Explain the structure and properties of various types of Ig molecules in higher animals.	(3+11)
Q-5		
a.	What are transgenic animals? Briefly explain the process of development of transgenic animal.	2+5
b.	Explain the structure of Human sperm with suitable diagram.	7
Q-6		
a.	Explain the process of development of clone form adult cell.	7
b.	Draw and explain the structure of a typical animal cell.	7
Q-7		
a.	What is growth medium? Explain the role of CO ₂ in animal cell culture.	3+4
b.	Explain the basic principle and working of pregnancy diagnostic kit.	2+5
Q-8	Write notes on-	
a.	Equipments used for animal cell culture	7
b.	Humoral immunity	7

