## Q.P. Code :11679

		[Time: 03 Hours] [ N	/larks:80]
		Please check whether you have got the right question paper.  N.B: 1. Question no.1 is compulsory 2. Asnwer any 3 questions out of remaining 5 questions. 3. Figures to right indicate full marks. 4. Draw diagram wherever necessary	
1.	•	Explain stcructure of viruses. Enlist some important function of viruses. Write a note on structure & function of Prokaryotic & Eukaryotic cell.	20
2.		Explain in detail different stages of meiosis. Write in breif about passive transport.	10 10
3.	•	Write a note on microtubule structure & synthesis at centrosome.  Explain structure & function of lysosome.	10 10
4.	•	Write a note on role of oncogenes in causing cancer. What are integrins ? Explain their role in formation of focal adhesion and hemidesmsome.	10 10
5.		Explain gap junction, desmosomes and tight junction with proper diagrams.  Discuss mechanism of programmed cell death.	10 10
6.	•	Distinguish between necrosis and apoptosis.  Explain G-protein coupled receptors.	10 10