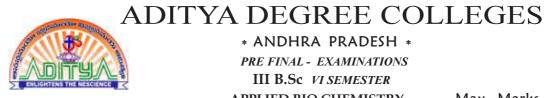
Aditya Group of Degree Colleges



Date: 27.03.2020

AWDC - KKD

* ANDHRA PRADESH * PRE FINAL - EXAMINATIONS III B.Sc VI SEMESTER APPLIED BIO CHEMISTRY

Max. Marks : 75 M Time: 3 Hours

SECTION-A

I.	Answer any FIVE of the following questions:	5 x 5 = 25 M	
1.	RFLP		
2.	RNA Silencing		
3.	Continuous Cell lines		
4.	Artificial seeds		
5.	Totipotency		
6.	6. Stem cell plasticity		
7.	Micelles & Liposomes		
8.	Attenuated Vaccines		
SECTION-B			
II.	Answer the following questions:	$5 \ge 10 = 50 M$	
9.	a) Write briefly about DNA markers used in genetic analysis ?		
(Or)			
	b) Write the principle and applications of Nano technology ?		
10. a) Explian the composition and preparation of plant tissue culture media ?			
(Or)			
	b) Write briefly about Isolation and Culture of Protoplast		
11.	a) Write an essay on types and applications of Gene therapy.		
(Or)			
	b) Explain about tissue and organ culture in detail.		
12.	a) Write in detail about Embryonic, adult and cord blood stem	ı cells ?	
(Or)			
	b) Give a brief note on applications of stem cell therapy ?		
13.	a) Write an essay on new generation vaccines		
(Or)			
b) Explain whole organism, live and attenuated vaccines.			