F.Y.B.PHARM. SEMESTER-II (CBCS - 2015 COURSE) : SUMMER - 2018

SUBJECT: PHARMACEUTICAL BIOCHEMISTRY – I

Day Date	:	Saturday 28/04/2018	S-2018-3911	Time : 10.00 AM T Max. Marks : 60	O 01.00 PM	
N.B.		0.1	• COMPUT CODY			
	1)	Q.1 and Q.5 are COMPULSORY. Out of the remaining solve any TWO questions from each Section.				
	2)	Answers to both the sections should be written in SEPARATE answer book.				
	3)					
			SECTION – I			
Q.1		Answer any FIVE of the following:			(10)	
	a)	•				
	b)	•				
	c) d)					
	e)	What is hard gelatin? How it is obtained.				
	f)	What are allosteric modulators? Give examples.				
Q.2	a)	State Michaelis-Menten equation for the rate of enzyme catalyzed reaction. Explain the meaning of each term and discuss the factors affecting the rate of enzyme catalyzed reaction.			(07)	
	b)	Name any two enzymes which hydrolyze proteins.			(03)	
Q.3	a) b)	Describe fluid mosaic model of bio-membrane and explain membrane fluidity. Give partial structure of amylopectin.			(07) (03)	
Q.4	,	Write notes on any TWO of the following:			(10)	
	a) b)					
	b) c)	Edamn method for amino acid sequencing				
			SECTION – II			
Q.5		Attempt any FIVE of the following:			(10)	
	a)	•	are used for clinical diagnosis			
	b) c)					
	d)	What are liposome?				
	e)	What are conjugated proteins? Give examples.				
	f)	State any two industrial applications of enzymes.				
Q.6	a)	What is en	•	Describe different types of	(07)	
	b)		able membrane? Give exampl	es.	(03)	
Q.7	a) b)	* *	saccharide? Give their classifice eutical uses of proton pump in	-	(07) (03)	
Q.8	a) b) c)		any TWO of the following: mation of peptide of lipids		(10)	

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