Printed Pages :

(Following Paper ID and Roll No. to be filled in your Answer Books)															
P	PAPER ID : Roll No.														
B.TECH. Theory Examination (Semester-VI) 2015-16 BIOMATERIALS															
								Time : 3 Hours			Max. Marks : 100				
								1.	SECTION- A Attempt all parts. Write answer of each part in short.		(2X10=2	20)			
a)			(22110-2	=0)											
b)		of biomate	rial?												
c)															
d)															
e)															
f)															
g)	List the physiochemical characteristics of biopolymers?		Ľ Ľ	<u> </u>											
h)															
i)	Define sensitization?														
j)	Write short notes on: composite theory of fiber reinforcem	nent?	NOTTEK												
			2												
	SECTION- B														
_															
2.			(10X5=	50)											
a)		1 61													
b)		id uses of t	bioinert c	eramics	S.										
c)															
d)															
e)															
f)															
g) b)															
h)) Give a list of biodegradable polymers used for medical pur	rposes.													

SECTION- C

Attempt any two question from this section:

(I5X2=30)

- 3. What are bio ceramics? What are common types of bio ceramics? Explain in brief?
- 4. Discuss in brief about synthetic polymeric membranes and their biological applications?
- 5. Write short notes on:
 - Biocompatibility or blood compatibility a)
 - b) Carcinogeniaity WW.UPTUNOTES.COM
 c) Mutagenicity WW.UPTUNOTES.COM