

SB-2721

M. Sc. (Part - I) (Biosciences) (Sem. II) Examination

March/April - 2011

Bio - 201: Biophysics & Instrumentation

Time:	3 Hours]	[Total Marks :70
Instru (1)	ections:	
નીચે દર Fillup Name • Name	શાવેલ → નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. strictly the details of → signs on your answer book. of the Examination: M. Sc. (Part - 1) (Biosciences) (Sem. 2) of the Subject: Bio - 201 : Biophysics and Instrumentation of Code No.: 2 7 2 1 → Section No. (1, 2,): Nil	Seat No.: Student's Signature
* *	Figures to the right indicate full marks of the question. Draw neat and labelled diagrams whenever necessary.	
	Vrite detailed note on : (any two) a) Give an electronic structure of carbon forms and comment upon its biological Define chromatography. Explain ion chromatography and its application.	18. Describe its various al importance. exchange
2 E (a (b (c	o) Construction and functioning of scinti	18 Illation counter
3 D (a (b)	Define isotope and isobar. Explain iso summarised their similarities and diff	erences
4 W (a (b (c (d	Vrite short notes (any three) a) Quantum number b) Dual nature of electron c) Linkage and bonds	16
SB-272		[100]