

DEV BHOOMI GROUP, SAHARANPUR

B.SC - CBZ /MATH

ASSIGNMENT QUESTIONS - UNIT II

S.NO	SUBJECT	SUBJECT CODE	TEACHER NAME	COURSE	SEM/YEAR	UNIT	DOA	DOS	QUESTION 1	QUESTION 2
1	MOLECULAR BIOLOGY, BIOINSTRUMENTATION S BIOTECHNIQUES	B050301T	SHIVANI THAKUR	B.SC	2nd year, 3rd sem	2			DISCUSS THE COMPOSITION OF INITIATION COMPLEX IN E.COLI.	WHAT IS THE MEANING OF THE PHRASE REGULATION OF GENE EXPRESSION.?
2	BOTANY		SHIVANI	B.SC	3rd	2nd			Describe classification system given by Bentham and Hooker and also illustrates its merits and demerits?	Write in detail about the phytochemistry of plant with suitable examples.
3	CHEMISTRY		DEEPAK TYAGI	B.SC	3rd	2nd			Derive the law of mass action on the basis of thermodynamics?	State and explain Le-Chatelier's principle. Discuss its some important application?
4	EM THEORY AND MODERN OPTICS Physics		Ankur Kamboj	B.SC	3	2nd			Define current density? Show the relation between current density and volume charge density.	State and prove Ampere's circuital law of magnetic field.
5	Algebra Mathematics		Anshul Pundeer	B.sc 2nd	3	2nd			Ques-1 Give state and prove Lagrange's theorem .	Ques-2 Give state and prove Cayley's theorem.
6	Mathematical Method		Anshul Pundeer	B.sc 2nd	3	2			Find the Laplace transform of the function. $F(t)=\sin(2t)\cos(3t)$	2 Find inverse laplace transform of the function: $F(s)= 1/(s+1)(s^2+1)$