

## DEV BHOOMI GROUP, SAHARANPUR

## B.SC - CBZ/MATH

## ASSIGNMENT QUESTIONS - UNIT III

S. N O	SUBJECT	SUBJECT CODE	TEACHER NAME	COURSE	SEM/YEAR	UNIT	D O A	D OS	QUESTION 1	QUESTION 2
1	MOLECULAR BIOLOGY, BIOINSTRUMENTATIONS BIOTECHNIQUES	B050301T	SHIVANI THAKUR	B.SC	2nd year/ 3rd sem	3rd			VE AN EXAMPLE TO EXPLAIN THE DETAILED MECHANISM OF RNAi?	DESCRIBE THE WORKING PRINCIPAL AND DESIGN OF PHASE CONTRAST MICROSCOPE?
2	BOTANY		SHIVAN	B.SC	3rd	3rd			Which is the largest family in Angiospermic plant, describe its features and economic importance too.	Discuss the characters of the family Poaceae with floral formula and diagram.
3	CHEMISTRY		DEEPA K TYAGI	B.SC	3rd	3rd			Apply phase rule for water molecule	Apply phase rule for carbon di oxide molecule
4	EM THEORY AND MODERN OPTICS Physics		Ankur Kamb oj	B.SC	3	3rd			What is em induction? State and explain Faraday's and Lenz's law of em induction	Prove that $\nabla \cdot \mathbf{H} = \mathbf{J} + d\mathbf{D}/dt$
5	Algebra Mathematics		Anshul Pundeer	B.sc 2nd	3	3rd			Ques-1 A subgroup H of a group G is normal if and only if $xHx^{-1} = H \forall x \in G$ .	Ques-2 A subgroup H of a group G is a normal subgroup of G if and only if the product of the two right coset of H in G is again a right coset of H in G.
6	Mathematical Method		Anshul Pundeer	B.sc 2nd	3	3rd			Find Laplace transform of $f(t) = e^{2t} \sin t$	Find the value of $\int_0^{\infty} (e^{-t} \sin t) / t dt$