OCHEMISTRY-II	
B) Answer the following F.Y.B.Sc	Page
Tollowing in her ga	(6M)
 Explain acid fast staining. Write a note on flagella staining. Explain the term fixed: 	, , , ,
C) What are dyes? Explain about simple staining.	(5M)
OR	
C) Give a detailed note on growth average of bacteria	(5M)
Q. IV) A) 1) Answer the following in short (any one)	(2M)
1) W	ì
1) Write down the significance of metaphase I.	
2) What is synaptonemal complex?	(3M)
Q. IV) A) 2) Fill in the blanks (any three)	,
 Protein present in nucleopore is known as Other name of meosis cell division is Microtubule binds at the of centromere in chromosome in chromosome model. Microtubules are made up of protein. cell always remain in Go phase. During mitosis chromatids of a chromosome model. 	
6) During mitosis chromatids of a chromatid of a chroma	(2)
O. H.D. D. 1) Further the following in short (any one)	(21)
(2. IV) B) I) Explain the following in short (*) 1) Why carbohydrate cannot be digested in stomach?	
1) Why carbohydrate carnot be any	
2) What are the segments of Henle's loop?	(3
Q. IV) B) 2) State whether true or false (any three)	
1) Zymogen form of pepsin is	kidney.
hormone helps in water reausorption.	and the part of the
Q. IV) C) 1) State the mathematical expressions of the following in (any	
i) Bacteriology	(3M
Q. IV) C) 2) State whether true or false (any three)	(3141
 Saffranine is used to stain the gram positive bacteria. Rod shaped bacteria are known as cocci. Long tail like structure of the bacteria is called as fla 	

- 4) Bacteria are classified under the group of protist.
 5) The time taken for the bacterial cell to divide is known as population time.
 6) The time taken for the bacteria to adjust itself to a particular surrounding is called log phase.