## Contents

	page
- Introduction and the aim of work.	1
- Review of literature :	
* Normal flora of the urethra.	3
* Normal flora of the vagina.	3
* Urinary tract infections.	5
* Bacteriuria and urinary tract infections	
in elderly people.	8
* Asymptomatic Bacteriuria.	11
* Reccurent urinary tract infections in men.	13
* Bacteriuria and mortality in elderly people.	15
* Predisposing factors for urinary tract	
infections in the elderly.	17
* Urinary tract obstruction and infection.	20
* Routes of urinary tract infection.	21
* Clinical manifestations of urinary tract	
infections.	23
* Microorganisms encountered in U.T.I.	25
- Antibiotic Resistance :	
* Mutation.	30
* Inheritance.	32
* Characteristics of plasmids.	35
* Bacterial properties specified by plasmid	
determinants.	36
* Plasmids and survival of bacteria.	41

	page
* Curing of R. Plasmids.	43
- Materials and methods.	47
-Experimental Results.	54
- Discussion .	77
- Summary and Conclusion.	85
- References.	89
- Arabic Summary.	110