

CONTENTS

	Page
ACKNOWLEDGMENTS	
PREFACE	1
INTRODUCTION.....	3
Proteins.....	3
Its biological importance.....	3
Complete and incomplete proteins...	5
The protein fate.....	7
Malnutrition.....	9
Malnutrition and undernutrition....	9
Protein malnutrition.....	10
Conjugated Proteins.....	15
Nucleoproteins.....	16
Protein synthesis.....	18
Plasma Proteins.....	20
Plasma proteins changes.....	22
Hormones.....	24
Gonadotropic hormones.....	25
Steroids sex hormones.....	30
Oral Contraceptives.....	34
Metabolic Effects Of Oral Contraceptives.	38
Effect on protein metabolism.....	38
Effect on hormones.....	41
a) Gonadotropins (FSH & LH)	41
b) Estrogen and progesterone....	45
MATERIALS & METHODS.....	49

	Page
RESULTS.....	63
DISCUSSION	81
SUMMARY AND CONCLUSION.....	111
REFERENCES	116
APPENDIX	135
ARABIC SUMMARY	