CONTENTS

PREFACE

page ix

1

SPERMATOGENESIS AND OOGENESIS

page 1

FERTILIZATION, CLEAVAGE, BLASTOCYST FORMATION, AND IMPLANTATION

page 13

FURTHER DEVELOPMENT OF THE TROPHOBLAST; THE FORMATION AND DIFFERENTIATION OF THE THREE GERM LAYERS

page 25

FORMATION OF THE DECIDUA, THE FETAL MEMBRANES, AND THE PLACENTA

page 41

MULTIPLE PREGNANCY

page 61

GROWTH AND DEVELOPMENT OF THE FETUS

page 67

7

THE HEART

page 79

THE ARTERIAL AND VENOUS SYSTEMS;

THE FETAL CIRCULATION

page 97

9 THE FACE, LIPS, PALATE, AND NOSE page 109

10 THE DIGESTIVE SYSTEM: PART I. MOUTH AND PHARYNX page 121

11
THE DIGESTIVE SYSTEM: PART II. ESOPHAGUS,
STOMACH, DUODENUM, AND ACCESSORY ORGANS
page 141

12
THE DIGESTIVE SYSTEM: PART III. JEJUNUM,
ILEUM, AND LARGE INTESTINE

page 153

13
THE RESPIRATORY SYSTEM

page 171

14
THE BODY CAVITIES, DIAPHRAGM,
AND UMBILICUS
page 177

15 THE URINARY SYSTEM page 197

16 THE GENITAL SYSTEM page 215

17
THE BLOOD AND LYMPHATIC SYSTEMS

page 245

18 THE ENDOCRINE GLANDS page 261 19 THE NERVOUS SYSTEM: THE CENTRAL NERVOUS SYSTEM page 273

20 THE NERVOUS SYSTEM: THE PERIPHERAL NERVOUS SYSTEM page 301

> 21 THE EYE AND EAR page 315

22 THE INTEGUMENTARY SYSTEM page 335

23 THE MUSCULOSKELETAL SYSTEM page 349

24 THE NEWBORN INFANT: CHANGES THAT TAKE PLACE AT BIRTH page 385

25
CONGENITAL MALFORMATIONS: THEIR EARLY
RECOGNITION, INCIDENCE, AND ETIOLOGY
page 395

ANSWERS TO CLINICAL PROBLEMS
page 409

INDEX
page 439