

**M.S. DEGREE EXAMINATION
OBSTETRICS AND GYNAECOLOGY**

APPLIED BASIC SCIENCES IN OBSTETRICS & GYNAECOLOGY

Q.P. Code : 222241

Time: Three Hours

Maximum: 100 marks

Write notes on:

I. ANATOMY (4X5=20)

1. Pelvic Diaphragm and its significance.
2. Development of Mullerian Duct.
3. Anal Canal.
4. Uterine & vaginal blood supply.

II. PHYSIOLOGY (4X5=20)

1. Physiology of onset of labour.
2. Cardiovascular changes in Pregnancy.
3. Physiology of lactation.
4. Pituitary - Ovarian –Endometrial Cycle.

III. BIO-CHEMISTRY (3X5=15)

1. Tumour markers in Epithelial tumours of ovary.
2. Surfactants.
3. Bilirubin metabolism.

IV. PHARMACOLOGY (3X5=15)

1. Oxytocin.
2. HCG (Human Chorionic Gonadotrophin).
3. Zidovudine.

V. MICROBIOLOGY (3X5=15)

1. Maternal Immune response.
2. Breast abscess.
3. Principles of Antimicrobial Prophylaxis.

VI. PATHOLOGY (3X5=15)

1. Cervical cytology.
2. Endometrial Premalignant lesions.
3. Pathogenesis of Chronic Pelvic Pain.
