

M.S. DEGREE EXAMINATION
BRANCH II – OBSTETRICS AND GYNAECOLOGY
PAPER I – APPLIED BASIC SCIENCES IN OBSTETRICS AND
GYNAECOLOGY

Q.P. Cod: 222241

Time : Three Hours

Maximum : 100 Marks

Write Notes on :

I. ANATOMY: (4 x 5 = 20)

1. Corpus luteum.
2. Nerve supply of female genital tract and its clinical significance.
3. Anatomical changes during puerperium.
4. Endopelvic fascia.

II. PHYSIOLOGY: (4 x 5 = 20)

1. Physiology of ovulation.
2. Physiology of twinning.
3. Fetal nutrition.
4. Physiology of DUB.

III. BIO-CHEMISTRY: (3 x 5 = 15)

1. Alpha fetoprotein.
2. Biochemical changes in hyperemesis gravidarum.
3. Vitamin- D and its significance in Obstetrics and Gynaecology.

IV. PHARMACOLOGY: (3 x 5 = 15)

1. Lignocaine.
2. Parenteral iron therapy.
3. Mifepristone.

V. MICROBIOLOGY: (3 x 5 = 15)

1. Vaccination during pregnancy.
2. Herpes simplex virus in pregnancy.
3. Trichomonas vaginalis.

VI. PATHOLOGY: (3 x 5 = 15)

1. Intrahepatic cholestasis in pregnancy.
2. Fine needle aspiration cytology.
3. Pathogenesis of congenital fetal anomalies.
