

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

Q.P. Code :222241

Time : Three Hours

Maximum : 100 Marks

Write Notes on :

I. ANATOMY:

(4 x 5 = 20)

1. Changes in fetal circulation after birth.
2. Development of placenta.
3. Perineal body.
4. Anatomy of pelvic ureter and its significance.

II. PHYSIOLOGY:

(4 x 5 = 20)

1. Hypothalamo pituitary ovarian axis.
2. Causation and stages of labour.
3. Pathophysiology of Rh Iso- immunization.
4. Myometrial physiology.

III. BIO-CHEMISTRY:

(3 x 5 = 15)

1. Rationale for routine laboratory investigations during pregnancy.
2. Iron metabolism.
3. Biochemical features in PCOS.

IV. PHARMACOLOGY:

(3 x 5 = 15)

1. Oxytocin.
2. Oral hypoglycemics in pregnancy.
3. Role of chemotherapy in CA cervix.

V. MICROBIOLOGY:

(3 x 5 = 15)

1. Liquid based cytology.
2. Group B streptococcus infection in pregnancy.
3. Immunology in Obstetrics.

VI. PATHOLOGY:

(3 x 5 = 15)

1. Appendicitis in pregnancy.
2. Pathogenesis of Endometritis.
3. Borderline ovarian tumours.
