

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MS 1022]

OCTOBER 2022

Sub. Code: 2241

M.S. DEGREE EXAMINATION

BRANCH VI – 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. Pelvic diaphragm and its significance.
2. Changes in fetal circulation after birth.
3. Histology of endometrium.
4. Anatomy of uterus and its lymphatic drainage.

II. PHYSIOLOGY: (4 x 5 = 20)

1. Cardiovascular changes in pregnancy.
2. Hypothalamo pituitary ovarian axis.
3. Pathophysiology of pre eclampsia.
4. Metabolic X syndrome.

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

1. Lab investigations for jaundice in pregnancy.
2. Quadruple test.
3. Renal glycosuria.

IV. PHARMACOLOGY: (3 x 5 = 15)

1. Oral hypoglycemic agents in pregnancy.
2. Mifepristone.
3. Centchroman.

V. MICROBIOLOGY: (3 x 5 = 15)

1. Immunology of recurrent pregnancy loss.
2. Bacterial vaginosis.
3. Septic abortion.

VI. PATHOLOGY: (3 x 5 = 15)

1. Endometrial hyperplasia.
2. Cone biopsy of cervix.
3. Embryonic node.
