

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

[MS 1223]

DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)

Sub. Code: 2241

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 cervix before and during labour.
2. Clinical significance of pelvic Ureter.
3. Corpus Luteum.
4. Fallopian tube.

II. PHYSIOLOGY:

(4x5=20)

1. Pathophysiology of Rh isoimmunization.
2. Iodine metabolism.
3. Sheehan syndrome.
4. Significance of prolactin in pregnancy and lactation.

III. BIO CHEMISTRY:

(3x5=15)

1. Biochemical changes in hyperemesis gravidarum.
2. Triple screening.
3. Glycemic profile.

IV. PHARMACOLOGY:

(3x5=15)

1. Filgrastim.
2. Prophylaxis of Infective endocarditis.
3. Role of prostaglandins in labour.

V. PATHOLOGY

(3x5=15)

1. Turner syndrome.
2. Transfusion reaction.
3. HPV oncogenesis.

IV. MICROBIOLOGY:

(3x5=15)

1. Prevention of nosocomial infection.
2. Vaginal flora.
3. MHC complex.
