

**III rd PROFESSIONAL - PART – II SYLLABUS****5. OBSTETRICS AND GYNAECLOGY :**

Obstetrics and Gynaecology to include family welfare and family planning.

**(i) Goal :**

The broad goal of under graduate students in obstetrics and Gynecology is that he/she shall acquire understanding of anatomy , physiology and pathophysiology of the reproductive system and gain the ability to optimally manage common conditions affecting it.

**ii) Objectives :**

At the end of the course, the student shall be able to:

- (1) Outline the anatomy, physiology and pathophysiology of the reproductive system and the common conditions affecting it ;
- (2) Detect normal pregnancy labour puerperium and manage the problems he/she is likely to encounter therein;
- (3) List the leading causes of maternal and perinatal morbidity and mortality;
- (4) Understand the principles of contraception and various techniques employed , methods of medical termination of pregnancy, sterilisation and their complications;
- (5) Identify the use, abuse and side effects of drugs in pregnancy, pre-menopausal and post menopausal periods;
- (6) Describe the national programme of material and child health and family welfare and their implementation at various levels;
- (7) Identify common gynecological diseases and describe principles of their management;
- (8) State the indications, techniques and complications of surgeries like Caesarian section, laprotomy, abdominal and vaginal hysterectomy, Fothergill's operation, and vacuum aspiration for Medical Termination of Pregnancy (MTP).

**THEORY SYLLBUS:****SYLLABUS OF OBSTETRICS:**

- 1) Anatomy of the Genital Tract
- 2) Physiology of the Genital Tract
- 3) Anatomy of the Pelvis
- 4) Anatomy of the Foetal Skull
- 5) Maturation & Fertilisation of ovum
- 6) Development of Placenta
- 7) Endocrinology of Placenta
- 8) Diagnosis of Pregnancy.
- 9) Signs & Symptoms of Pregnancy.
- 10) Physiological Changes in Pregnancy.

- 11) Fetal Physiology
- 12) Physiology of Labour
- 13) Physiology of Puerperium.
- 14) Breast, Lactation.
- 15) Abortion
- 16) Ectopic Gestation.
- 17) Trophoblastic Tumors
  - a) Mole
  - b) Choriocarcinoma
- 18) Anatomy of Pelvic Floor
- 19) Physiology of Menstruation.
- 20) Development of Genital Organs
- 21) Gynaecological Diagnosis
- 22) Physiology of Menopause
- 23) Abnormalities of Menstruation.
- 24) S.T.D. & HIV
- 25) Leucorrhoea
- 26) Hyperemesis
- 27) PIH
- 28) Eclampsia
- 29) Heart Disease complicating Pregnancy
- 30) Anaemia complicating Pregnancy
- 31) Rh incompatibility
- 32) Face, Brow Presentation
- 33) Occipitoposterior
- 34) Transverse lie
- 35) Breech
- 36) Multiple Pregnancy
- 37) Abnormal Labour
- 38) Bad Obstetric history
- 39) Cephalopelvic disproportion
- 40) IIIrd stage complication
- 41) Induction of Labour

- 42) Rupture Uterus
- 43) Obstructed Labour
- 44) Caesarean Section
- 45) Post Caesarean Pregnancy
- 46) Puerperal Sepsis
- 47) Intra Uterine Growth Retardation
- 48) Ultrasonography & Radiology
- 49) Social obstetrics
- 50) Neonatology

**FAMILY PLANNING:**

- 1. Anatomy of Pelvic Floor
- 2. Contraception
  - A. Temporary Methods
    - a. Barrier
    - b. IUCD
    - c. Hormonal – Oral, Injectable, Implants,
  - B. Permanent
    - a. Tubectomy – Minilap, Puerperal sterilization, Laparoscopic sterilization
    - b. Vasectomy & N.S.V
    - c. Recanalisation – Fallopian tube, Vas
    - d. Counselling
- 3. Antenatal Care
- 4. Anaemia Complicating Pregnancy
- 5. Pregnancy Induced Hypertension(PIH)
- 6. Antepartum Hemorrhage

**GYNÆCOLOGY**

- 1. Genital Tract Anomalies
- 2. Infertility
- 3. Anomalies of uterus
- 4. Endometriosis
- 5. Amenorrhoea
- 6. Dysfunctional uterine bleeding
- 7. Post Menopausal Bleeding
- 8. pelvic Inflammatory disease
- 9. genital T.B.
- 10. Genital Fistulae
- 11. Stress incontinence
- 12. Trophoblastic disease
- 13. Prolapse Uterus
- 14. Retroversion & Chronic inversions of Uterus
- 15. Gynaecological Oncology

- Cancer Cervix
  - Cancer Breast
  - Cancer Body of uterus
  - Cancer Vulva
  - Cancer ovary
16. Endoscopy
  17. Chemotherapy & Radiotherapy
  18. Medical Termination of Pregnancy
  19. Hormones in Gynaecology
  20. Inter sex

**TOPICS FOR INTEGRATED TEACHING**

1. Anaemia complicating pregnancy
2. Hypertension complicating Pregnancy
3. diabetes complicating Pregnancy
4. Heart disease complicating pregnancy
5. T.B. Asthma complicating Pregnancy
6. Hepatitis complicating pregnancy
7. STD complicating pregnancy
8. HIV complicating pregnancy
9. Acute Surgical Emergencies
10. Acute Renal failure
11. Acute abdomen in immediate post operative period.

**\* Recommended Text Books:**

1. Shaw's text book of Gynaecology by Dr.Daftari & V.Pdubaidri
2. Text book of Obstetrics – by Dr.DL.Dutta
3. Text Book of Gyanecology – by Dr.D.C.Dutta.
4. Text Book of Obstetrics – Dr.C.S.(Dawn)
5. Text Book of Gynaecology – Dr.C.S.Dawn
6. Text Book of Obstetrics – Dr.G.R.K.Raju
7. Manual of Obstetrics – Dr.Sirish Daftary
8. Text Book of Obstetrics – by Mudaliar
- 9.

**\* Reference Books:**

1. Williams – Obstetrics.
2. Jeffcoetes Gynaecology
3. Practical Obstetrics by landonala
4. Fertility control by Dr.Chand
5. Post graduate obstetrics & Gynaecology ol-I & II by Dr.Ratnam & Dr.Arul Kumaran  
Management of labour – Dr.Arul Kumaran.

**Paper – I**

- Obstetrics including social obstetrics.

**Paper - II**

- Gynaecology family welfare and Demography