SYLLABUS FOR DIPLOMA IN OBSTETRICS & GYNAECOLOGY 
(D.G.O.)

A post graduate student acquires the knowledge of the pathophysiology of reproductive system and is able to manage the pathological states affecting it.

During the study period 6 monthly assessment report is to be forwarded by guide through HOD & Dean to University about the observed progress. Student should not allow to appear for examination if found not satisfactory by local academic committee.

OBSTETRICS :
1. Basic sciences of Reproduction & Applied Anatomy of genitourinary system, abdomen, pelvis, pelvic floor, anterior abdominal wall, breast in obstetrics
   • Reproductive Anatomy
   • Gametogenesis fertilization, implantation & early development of human embryo.
   • Fetal growth & development
   • Birth defects, Genetics & teratology & counselling.
   • Physiological changes during pregnancy.
   • Endocrinology of pregnancy.

2. Normal pregnancy, labour & puerperium.
   Breast feeding, baby friendly initiative

3. Early recognition and prompt management of pregnancy complications, -
   Hyper emesis gravid arum, abortions, ectopic pregnancy, hydatidiform mole, pre-eclampsia, eclampsia, antepartum hemorrhage, multiple pregnancy, polyhydramnios, Oligohydramnios & Prolonged pregnancy.

4. Management of pregnancies complicated by medical, surgical or gynaecological diseases, in consultation with the concerned specialties by team approach.
5. Anemia, Heart disease, diabetes mellitus, liver disorders, Respiratory diseases, Renal
diseases, Hypertensive disorders.
   - Acute abdomen, Acute Appendicitis, Intestinal obstruction,
   - Fibroids, Ovarian tumors, Carcinoma cervix, genital prolepses.

   Malaria, Toxoplasmosis, viral infections (Rubella, CMV, Hepatitis B, Herpes) syphilis and
   other sexually transmitted infections including HIV. Parents to child transmission of HIV
   infection (PPTCT programme).

7. Evaluation of the fetal and maternal health in complicated pregnancy by making use of
   available diagnostic modalities and plan for safe delivery of the fetus while safeguarding
   the maternal health.

8. Prenatal diagnosis of fetal abnormalities and appropriate care.

9. Partographic monitoring of labour progress, early recognition of dysfunctional labour
   and appropriate interventions during labour including active management of labour.

10. Obstetrical analgesia and anesthesia.

11. Induction and augmentation of labour.

12. Management of abnormal labour: Abnormal pelvis and soft tissue abnormality in
    maternal passage, Malpresentation and Malpositions of fetus, abnormal uterine action,
    obstructed labour, cervical dystocia. Third stage complications - PPH including surgical
    management, retained placenta, uterine inversion, post partum collapse, amniotic fluid
    embolism.

13. Abnormal puerperium, Puerperal sepsis Thrombophlebitis, Mastitis, Puerperal venous
    sinus thrombosis, Psychosis.

14. National Health Programmes to improve the maternal and child health, social obstetrics
    and vital statistics.

15. Drugs used in obstetric practice including prostaglandins. F.D.A. Classification

17. Operative obstetrics - decision making, technique, recognition and management of complications - C.S. instrumental delivery, obstetrics hysterectomy, history of destructive surgery. Manipulations-version, MRP etc.


19. Provision of safe abortion services - selection of case, techniques, and management of complications.

NEW BORN:

1. Care of newborn, care of preterm, S.G.A. neonates, infants of diabetes mother
4. Neonatal hyperbilirubinemia, investigation and management.
5. Birth trauma - prevention, early detection & management.
7. Management of the common problems in neonatal period.

GYNAECOLOGY:

1. Physiology of menstruation, common menstrual disorders and their management. Medical & surgical.
2. Diagnosis and surgical management of clinical conditions related to congenital malformations of genital tract.
3. Chromosomal abnormalities and intersex.
4. Reproductive Endocrinology: Evaluation of primary and secondary amenorrhea, management of hyperprolactinemia, Hirsutism, chronic anovulation and PCOD.
5. Endometriosis and adenomyosis - medical and surgical management.
7. Reproductive Tract Infections Sexually Transmitted Infections, HIV/AIDS: Prevention, Diagnosis and management.
8. Genital Tuberculosis.
9. Benign and malignant tumors of genital tract - Early diagnosis and management.
11. Supports of pelvic organs, genital prolapse, surgical management of genital prolapse.
12. Common urological problems in gynaecology - SUI, voiding difficulties, VVF.
14. Recent advances.
15. Newer diagnostic aids - USG, and other imaging techniques, endoscopies.
16. Hysteroscopy, laparoscopy - diagnostic, simple surgical procedures, including laparoscopic tubal occlusion, colposcopy.
17. Medico legal aspects, ethics, communications and counselling.
18. Operative gynaecology - Selection of case technique and management of complications of minor and major gynaecology procedures.

Abdominal and vaginal hysterectomy
Surgical procedures for genital prolapse
Surgical management of benign and malignant genital neoplasms.

FAMILY PLANNING:
1. Demography and population Dynamics.
2. Contraception - Temporary methods, Permanent methods. Legal issues
3. MTP Act and procedures of MTP in first & second trimester.
4. Emergency contraception.
5. Recent advances in contraceptive technology.

Recent Advances in Obst. & Gyn.
1. To teach how to access Cochrane library.
2. To teach how to go for reference from the library.
# Scheme of Theory Examination for D.G.O. Examination

**University Examinations**

After successful completion 2 Years’ residency

**Theory Examination:** Each paper 100 marks – 3 hrs duration

<table>
<thead>
<tr>
<th>Sections with marks</th>
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<tbody>
<tr>
<td><strong>Paper I</strong> Obstetrics including the diseases of newborn.</td>
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<tr>
<td>4 questions of 25 marks each</td>
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<tr>
<td>Total = 100 marks</td>
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<tr>
<td><strong>Paper II</strong> Gynaecology, gynaecological pathology &amp; operative gynaecology.</td>
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<td>4 questions of 25 marks each</td>
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<td>Total = 100 marks</td>
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<tr>
<td><strong>Paper III</strong> Medical and surgical diseases complicating obstetrics &amp; gynaecology, social obstetrics &amp; gynaecology including MCH &amp; F.W</td>
<td></td>
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<tr>
<td>4 questions of 25 marks each</td>
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<tr>
<td>Total = 100 marks</td>
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<tr>
<td><strong>TOTAL THEORY = 300</strong></td>
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Minimum passing marks in each head 40% and aggregate: 50% in all papers

**Practical Examination:**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
<th>Marks</th>
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<tbody>
<tr>
<td>1</td>
<td>2 Obstetric cases</td>
<td>50 each = 100</td>
</tr>
<tr>
<td>2</td>
<td>2 Gynaec cases</td>
<td>50 each = 100</td>
</tr>
<tr>
<td>3</td>
<td>10 Spots 5 marks each</td>
<td>50</td>
</tr>
<tr>
<td>Viva</td>
<td>Viva Obstetrics</td>
<td>25</td>
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<tr>
<td></td>
<td>Viva Gynaec</td>
<td>25</td>
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</tbody>
</table>

**TOTAL PRACTICAL** 300

Minimum passing marks: 50% separate in clinicals and viva
### Recommended Books

#### OBSTETRICS

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Must Read</th>
<th>Desirable to Read</th>
<th>Good to read</th>
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<tbody>
<tr>
<td>1</td>
<td>C.S. Dawn’s Textbook of Obstetrics and Neonatology</td>
<td>Medical Disorders in Pregnancy by De Swiet</td>
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<tr>
<td>2</td>
<td>Ian Donald Practical Obstetric problems</td>
<td>Williams Textbook of Obstetrics</td>
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<tr>
<td>3</td>
<td>Arias, High Risk Pregnancy</td>
<td>Recent Advances in Obst/Gyn</td>
<td>FOGSI Books</td>
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<tr>
<td>4</td>
<td>Operative Obstetrics by Munro-Kerr</td>
<td>Progress in OBGY, Studd</td>
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#### GYNECOLOGY

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<tr>
<td>1</td>
<td>Novacs Gynecology Jeffcoat’s Principle of Gynaecology Gynecology</td>
<td>Reproductive Endocrinology by Speroff</td>
<td>Infertility by Insler</td>
</tr>
<tr>
<td>2</td>
<td>TeLindes Operative Gynecology</td>
<td>Everything available on net</td>
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</tr>
<tr>
<td>3</td>
<td>C.S. Down Textbook of gynecology and contraception</td>
<td>Gynecology by P.K. Devi</td>
<td>FOGSI Books</td>
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#### FAMILY PLANNING

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<tr>
<td>1</td>
<td>Family Planning Practices by SK Chaudhary</td>
<td>Reproductive endocrinology by Speroff</td>
<td>Dawns book on Contraception</td>
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#### JOURNALS/PERIODICALS

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<tr>
<td>1</td>
<td>J. Obst. Gyn India</td>
<td>Clinic in Obst. &amp; gynecology</td>
<td>Year books</td>
</tr>
<tr>
<td>2</td>
<td>North Americal clinic in ObGy</td>
<td>Annuals</td>
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