

DETAILED SYLLABUS FOR THE POST OF PROFESSOR IN OBSTETRICS AND GYNAECOLOGY IN GOVERNMENT HOMOEOPATHIC MEDICAL COLLEGES

(CAT.NO. : 719/2024) - TOTAL MARKS : 100

Obstetrics & Gynaecology

SYLLABUS

OBSTETRICS (50 Marks)

Gametogenesis fertilization, implantation and early development of embryo
Anatomical and Physiological changes in female genital tract during pregnancy.
Pharmacology of drugs used during pregnancy, Labour, Post-partum period.
Development of placenta and membranes & placental functions
Fetal skull and Maternal pelvis
Diagnosis and differential diagnosis of pregnancy
Anatomy of fetus, fetal growth & development, fetal physiology & circulation
Immunology of pregnancy
Pre-conceptional Care
Antenatal Care
Early pregnancy complications
Normal labour & management
Malpresentation & malposition
Labour Dystocia
Induction and augmentation of labour
Antepartum Haemorrhage
Complications of 2nd & 3rd stage of labour
CPD & its management
Obstetric Analgesia
Multiple pregnancy
Amniotic fluid
PROM, Poly-Hydramnios, Oligo-Hydramnios
Preterm labour & PPRM
Fetal growth disorders
Hypertensive disorders in pregnancy
Medical disorders in pregnancy
Infections in pregnancy.
Special cases- Rh Negative, BOH, Obesity, post-dated pregnancy, Grand-Multigravida,
Elderly primi, Previous CS
Puerperium – Normal
Abnormal Puerperium
Emergency Obstetric Care (Intensive Obstetrics)
Fetal Medicine
Antepartum & intrapartum fetal monitoring.
Obstetric operations
Gynaecological disorders in pregnancy.
Recent Advances in Obstetrics.
Imaging in Obstetrics.
Newborn
Safe Motherhood, Epidemiology of Obstetrics, and evidence based care in Obstetrics, SDG,
MDG, RCH Care, near miss mortality auditing Maternal mortality, perinatal mortality.

GYNAECOLOGY (50 Marks)

Anatomy of female pelvic organs.
Development of female genital organs and congenital malformations
Gynaecological evaluation.
Physiology of menstruation, ovulation & menopause.
Colposcopy & vaginal and cervical cytology
Endometrial Hyperplasia, DUB, Abnormal bleeding.
Fibroid uterus
Endometriosis, Adenomyosis
Endocrine abnormalities, Menstrual abnormalities Amenorrhoea, PCOD
Lower genital tract infections
Pelvic infections & Tuberculosis of the female genital tract
Paediatric and Adolescent Gynaecology
Disorders of Sex development
Hirsutism, Hyperprolactinemia, Thyroid disorders.
Infertility.
Endocrinology related to reproduction
Menopause
Laparoscopy & Hysteroscopy.
Benign & Premalignant lesions of vulva, vagina, cervix & endometrium
Benign disease of ovary
Cancer vulva & vagina
Cancer Cervix
Cancer Endometrium
Carcinoma Ovary & Fallopian tube
Gestational Trophoblastic diseases
Benign and malignant disease of the breast
Genital Fistulae / Urinary Incontinence
Pelvic organ Prolapse
Contraception / Family Planning / Sterilization methods
Hormone therapies in gynaecology
Recent Advances in Gynaecology
Imaging in Gynaecology

NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper.
