

**DETAILED SYLLABUS FOR THE POST OF ASSISTANT PROFESSOR
(OBSTETRICS AND GYNAECOLOGY)
{GOVERNMENT HOMOEOPATHIC MEDICAL COLLEGE}**

(Cat.No. : 54/2020)

(Total Marks- 100)

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