

Syllabus of the competitive examination to be conducted through the Commission for appointment to the post of Specialist Medical Officers (Obstetrics & Gyneacology) under Bihar Health Services.

Name of Post	- Specialist Medical Officer (Obstetrics & Gyneacology)
Type of Examination	- Objective Type (Computer Based Test)
Time Duration	- 02:00 Hours
Number of Questions	- 100
Total Marks	- 400 Marks
Marks for Each Right Answer	- 04 Marks
Negative Marks for Each Wrong Answer	- 01 Mark

Question will be asked under following syllabus :

1. Basic Sciences

- a. Development, structure and function of placenta, umbilical cord and amniotic fluid.
- b. Anatomy of fetus, fetal growth and development, fetal physiology and fetal circulations
- c. Physiological and neuro-endocrinal changes during puberty, adolescence, menstruation, ovulation, fertilization, climacteric and menopause.

2. Antenatal Care

- a. Prenatal care of normal pregnancy including examination, nutrition, immunization and follow up.
- b. Identification and management of complications and complicated pregnancy
- c. Prolonged gestation
- d. Preterm labour, premature rupture of membranes.
- e. Blood group incompatibilities
- f. Infections in pregnancy (bacterial, viral, fungal, protozoan)
- g. Prenatal diagnosis of fetal problems and abnormalities, treatment- Fetal therapy

- h. M.T.P, PC & P.N.D.T Act etc
- 3. Intra-partum Care
 - a. Normal labor - mechanism and management
 - b. Identification and conduct of abnormal labor and complicated delivery
 - c. Management of abnormal labor
 - d. Identification and management of intrapartum complications
- 4. Post Partum
 - a. Complication of 3rd stage of labour
 - b. Identification and management of genital tract trauma- perineal tear, cervical/vaginal tear, episiotomy complications, rupture uterus.
 - c. Postpartum contraception
Breast feeding practice, counseling and importance of breast-feeding. Problems in breast-feeding and their management, Baby friendly practices.
 - d. Normal and abnormal purpurement-sepsis, thrombophlebitis, mastitis, psychosis. Hematological problems in Obstetrics including coagulation disorders. Use of blood and blood components/products.
- 5. Operative Obsterics
 - a. Vaginal instrumental delivery . Caesarian section, Obst. Hysterectomy, destructive operations, manipulations(External/internal podalic version, manual removal of placenta etc.)
 - b. Medical Termination of Pregnancy - safe abortion - selection of cases, technique and management of complication. MTP law.
- 6. Clinical Gynaecology and Fertility Regulation
 - a. Fibroid uterus
 - b. Endometriosis and adenomyosis
 - c. Genital prolapse (uterine and vaginal)
 - d. Cervical erosion, cervicitis, cervical polyps, cervical neoplasia

- e. Vaginal cysts, vaginal infections, vaginal neoplasia (VIN)
 - f. Malignant genital neoplasia
 - g. Infertility- Evaluation and management
 - h. Endoscopy (Laparoscopy- Hysteroscopy)
7. Operative Gynaecology
