

**Questions for state exams on OBSTETRICS and GYNECOLOGY for 6 year students,
2018/2019
OBSTETRICS**

1. Anatomy of female reproductive organs.
2. Maternal pelvis.
3. Fertilization. Morula. Implantation. Trophoblast. The decidua. Chorion, chorionic villi. Development of inner cell mass. The placenta and the membranes, development, placental circulation, function. Fetal membranes. Amniotic fluid. Umbilical cord.
4. The placenta and the membranes, development, structure. Placental circulation, function. Fetal membranes. Amniotic fluid. Umbilical cord.
5. Physiological changes during pregnancy.
6. Diagnosis of pregnancy –first, second and last trimesters. Symptoms and signs, examination and tests.
7. Normal labour. Causes of onset, stages, physiology, events. Clinical course of labour. Management of normal labour.
8. Mechanism of normal labour. Moulding. Caput succudaneum.
9. Events in third stage of labour. Clinical course. Physiological blood loss.
10. Normal puerperium. General physiological changes, involution, lactation. Management.
11. Breech presentation. Varieties, diagnosis. Mechanism of labor, prognosis and management. Assisted breech delivery.
12. Multiple pregnancy. Diagnosis, complications, management.
13. Vomiting of pregnancy. Hyperemesis gravidarum.
14. Hypertensive disorders in pregnancy. Preeclampsia, eclampsia. Etiopathogenesis. Diagnosis and management. HELLP.
15. Haemorrhage in early pregnancy. Spontaneous, threatened, inevitable, incomplete and missed abortions. Etiology. Management.
16. Preterm labour.
17. Haemorrhage in early pregnancy.
18. Post-term pregnancy.
19. Contracted pelvis. Disproportion.
20. Injuries to the birth canal.
21. Placenta praevia.
22. Abruptio placentae.
23. Post-partum haemorrhage. Diagnosis, causes, prevention, management.
24. Labour third stage haemorrhage
25. Transverse lie. Oblique lie.
26. Face presentation. Brow presentation.
27. Puerperal pyrexia. Puerperal sepsis.
28. Puerperal septicemia, septic shock.
29. Puerperal breast complications. Puerperal venous thrombosis.
30. Caesarean section. Indications. Types of CS.
31. Abnormal uterine action.
32. Operative obstetrics. Manual removal of placenta. Forceps. Vacuum extraction.
33. Pulmonary embolism. Blood coagulation disorders in obstetrics.
34. Shock in obstetrics.
35. Medical illness complicating pregnancy. Heart disease in pregnancy. Kidney disease in pregnancy.
36. Medical illness complicating pregnancy. Diabetes mellitus in pregnancy. Thyroid dysfunction in pregnancy. Anaemia in pregnancy.
37. Medical illness complicating pregnancy. Infections in pregnancy (tuberculosis, toxoplasmosis, cytomegalovirus, rubella, herpes simplex).

38. Intra uterine growth restriction.
39. Contraception.
40. Jaundice of the newborn.
41. Antenatal assessment of fetal wellbeing (cardiotocography, ultrasonography, amniocentesis, biochemical tests).
42. Neonatal respiratory distress syndrome
43. Asphyxia neonatorum. Respiratory distress in the newborn.
44. Daily observation and care of newborn.
45. Physical features of the newborn. Apgar scoring.

GYNAECOLOGY

1. Gynaecological diagnosis (X-ray, USI, hysteroscopy).
2. Gynaecological diagnosis (laparoscopy, colposcopy).
3. Dysfunctional uterine bleeding DUB. (aetiology, clinical features, treatment).
4. Dysfunctional uterine bleeding DUB. (pathogenesis, classification).
5. Amenorrhoea (ovarian, uterine).
6. Amenorrhoea (pituitarian, hypothalamic).
7. Inflammatory lesions of vulva, vagina, Bartholin`s gland).
8. Inflammation of the uterus and cervix.
9. Pelvic inflammatory disease.
10. Sexually transmitted diseases (gonorrhoea, trichomoniasis).
11. Sexually transmitted diseases (candidiasis, chlamidiosis, bacterial vaginosis).
12. Viral diseases of reproductive organs (HSV, CMV, HPV).
13. Tuberculosis of the genital tract. Clinical signs, diagnosis, treatment.
14. Vulvar dystrophies.
15. Erosion of cervix. Ectropion.
16. Cervical intraepithelial neoplasia.
17. Physiology of menstruation.
18. Gestational trophoblastic diseases. Hydatidiform mole. Clinical features, diagnosis, treatment.
19. Gestational trophoblastic diseases. Choriocarcinoma. Clinical features, diagnosis, treatment.
20. Fibromyomas of the uterus. Aetiology, anatomy, clinical features, diagnosis, treatment.
21. Non-neoplastic enlargements of the ovary.
22. Genital endometriosis. Classification, diagnosis, clinical features, treatment.
23. Genital endometriosis. Adenomyosis. Endometriosis of rectovaginal septum.
24. Female infertility. Classification. Aetiology. Management of anovulation.
25. Female infertility. Classification. Aetiology. Tubal infertility. Assisted reproductive technologies in treatment of infertility.
26. Ectopic pregnancy. Aetiology, classification, clinical features, diagnosis, treatment.
27. Ovarian tumours. Complications.
28. Precocious puberty. Delayed puberty.
29. Puberty menorrhagia. Vulvovaginitis in children.
30. Polycystic ovarian syndrome or disease.
31. Adrenogenital syndrome. Aetiology, pathogenesis, clinical features, diagnosis, treatment.
32. Ovarian steroidogenesis
33. Feminism
34. Menopause. Pathophysiology, symptoms, management.
35. Displacements.
36. Hirsutism.
37. Masculinism
38. Dysmenorrhoea.
39. Genital prolapse.
40. Malformations of female generative organs.
41. Endometrial cancer. Sarcoma of uterus.

42. Carcinoma of cervix.
43. Ovarian cancer.
44. Cancer of vulva.
45. Paediatric gynaecology. Congenital anomalies.

Bibliography:

1. Shaw's Textbook of Gynaecology, 13th edition
2. Textbook of Obstetrics, D.C.Dutta

Head of Department of Obstetrics
and Gynaecology N1 Professor

Beglaryan G.A.

Head of Department of Obstetrics
and Gynaecology N2 Professor

Abrahamyan L.R.