

Questions for state exams on OBSTETRICS and GYNECOLOGY
for 6 year students,

2024/2025

OBSTETRICS

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

42. Jaundice of the newborn.
43. Antenatal assessment of fetal wellbeing (cardiotocography, ultrasonography, amniocentesis, biochemical tests).
44. Neonatal respiratory distress syndrome. Asphyxia neonatorum.
45. Daily observation and care of newborn. Physical features of the newborn. Apgar scoring.

GYNAECOLOGY

1. Gynaecological diagnosis (X-ray, Ultrasonography,).
2. Gynaecological diagnosis (hysteroscopy, laparoscopy, colposcopy).
3. Dysfunctional uterine bleeding DUB. (aetiology, clinical features, treatment,
4. Dysfunctional uterine bleeding DUB (pathogenesis, classification).
5. Amenorrhoea (hypothalamic ovarian,).
6. Amenorrhoea (pituitary, uterine).
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, chlamydiosis, 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. Etiology. Management of anovulation.
25. Female infertility. . Classification. Etiology. Tubal infertility.
26. Ectopic pregnancy. Aetiology, classification, clinical features, diagnosis, treatment.
27. Ovarian tumours. Complications.
28. Puberty menorrhagia.
29. Vulvovaginitis in children.
30. Polycystic ovarian syndrome or disease. Aetiology, pathogenesis, clinical features, diagnosis, treatment
31. Adrenogenital syndrome. Aetiology, pathogenesis, clinical features, diagnosis, treatment.
32. Feminism
33. Hirsutism.
34. Menopause. Pathophysiology, symptoms, management.
35. Displacements.
36. Masculinism
37. Dysmenorrhoea.
38. Genital prolapse.
39. Malformations of female generative organs.
40. Endometrial cancer.
41. 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.G.Dutta

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