

Questions

**for theoretical state exam at Obstetrics and Gynecology for students of VI year of USMF
"N.Testemițanu", 2018-2019 academic year**

1. Gonadotropins and ovarian hormones. Their role into the regulation of menstrual cycle.
2. Menstrual cycle disorders. Etiology and pathogeny. Classification.
3. Abnormal uterine bleeding. Definition, Classification. Management.
4. Dysmenorrhea. Classification. Etiology and pathogeny. Clinical picture. Diagnosis and treatment.
5. Amenorrhea. Definition. Classification. Ovarian and uterine amenorrhea. Causes. Diagnosis. Treatment.
6. Amenorrhea. Definition. Classification. Central amenorrhea. Causes. Diagnosis. Treatment.
7. Primary amenorrhea. Causes. Diagnosis. Principles of management .
8. Congenital abnormalities of the female reproductive system. Classification. Etiology. Diagnosis. Management.
9. Infertility. Definition. Classification. Examination of infertile couples.
10. The lower genital tract infections (vulvo-vaginitis, bartholinitis, endocervicitis). Etiology and pathogeny. Clinical picture. Treatment.
11. Pelvic inflammatory disease (endometritis, salpingitis, salpingo-oophoritis). Etiology and pathogeny. Clinical picture. Treatment.
12. Ectopic pregnancy. Etiology and pathogeny. Classification. Clinical picture. Treatment. Differential diagnosis.
13. The precancerous conditions of the cervix. Etiology and pathogeny. Classification. Diagnosis. Treatment.
14. Cervical cancer. Etiology and pathogeny. Classification. Screening for cervical cancer. Diagnosis and treatment.
15. Endometriosis. Etiology and pathogeny. Classification. Clinical picture. Diagnosis and treatment.
16. Uterine leiomyoma. Etiology and pathogeny. Classification. Clinical picture. Diagnosis and treatment.
17. The precancerous conditions and cancer of the endometrium. Etiology and pathogeny. Classification. Clinical picture. Diagnosis and treatment.

18. Ovarian benign and malignant tumors. Etiology and pathogeny. Classification. Clinical picture. Diagnosis and treatment.
19. Family planning. Definition. Basic principles in the organization of family planning services. Methods of contraception. Classification.
20. Hormonal contraception. Indications and contraindications. COCP. Instructions of the use of COCP. Advantages and disadvantages.
21. Contraception with progestins. Indications and contraindications. Instructions of the use.
22. Intrauterine contraceptive devices. Indications and contraindications. Mechanism of action
23. Emergency contraception. Surgical contraception. Indications and contraindications.
24. Menopause. Definition. Classification. Changes in hypothalamic-pituitary-ovarian system during menopause.
25. Menopausal syndrome. Definition. Clinical picture. Diagnosis. Hormone replacement therapy.
26. Polycystic ovarian syndrome. Etiology and pathogeny. Clinical picture. Diagnosis and treatment.
27. Recommended antenatal screening tests. The volume of antepartum investigations.
28. Antenatal care. Prenatal diagnosis (double and triple tests). Ultrasound and laboratory tests during pregnancy.
29. Diagnosis of pregnancy. Determination of gestational age and day of confinement.
30. The first stage of labor. Evolution and management. Partograph.
31. Second stage of labor. Evolution and management.
32. The third period of birth, evolution and management.
33. Methods of labor analgesia.
34. Abnormalities of uterine contractility. Classification. Management.
35. The diagnosis of multiple pregnancy in the first and second trimester of pregnancy. Management of pregnancy and birth, complications.
36. Breech presentation. Classification. Diagnosis. External cephalic version. The indications for cesarean section. The management of labor and delivery in breech presentation. Obstetrical maneuvers in breech presentations.
37. Small for gestational age fetus. Fetal growth restriction. Definition. Etiology and pathogeny. Management.
38. Methods of assessment of fetal well-being.

39. Preterm labor. Definition. Etiology and pathogeny. Diagnosis. Management.
40. Preterm prelabor rupture of membranes. The management of preterm birth. Prophylaxis of newborn respiratory distress syndrome. Antibiotic prophylaxis.
41. Hypertensive disorders during pregnancy. Classification. Incidence and risk factors. Diagnostic criteria of hypertensive conditions during pregnancy.
42. Gestational hypertension. The diagnostic criteria. The management of pregnancy. Treatment.
43. Preeclampsia: definition, diagnostic criteria. Etiology and pathogeny. Clinical manifestations. Management.
44. Eclampsia: definition, clinical manifestations, emergency management, obstetrical management. Principles of management of the post-partum and post-operative period.
45. HELLP syndrome: diagnostic criteria, complications, obstetrical management.
46. HIV infection during pregnancy. Screening. Prevention of mother to child transmission.
47. Thromboembolic diseases in obstetrics. Etiology and pathogeny. Clinical picture. Diagnosis. Treatment. Methods of prophylaxis.
48. Rh isoimmunization. Incompatibility of the ABO system. Clinical picture. Diagnosis. Management of pregnancy and childbirth. Prophylaxis of Rh isoimmunization.
49. Recurrent miscarriage. Definition. Etiology and pathogeny. Classification. Thrombophilia. Antiphospholipid syndrome in recurrent miscarriage.
50. Puerperal infections. Etiology and pathogeny. Classification. Puerperal endometritis. Clinical picture. Diagnosis and treatment.
51. Obstetric peritonitis. Etiology and pathogeny. Clinical picture. Diagnosis and treatment.
52. Amniotic fluid: volume and composition. Functions of amniotic fluid. The role of amniotic membranes. The pathology of amniotic fluid.
53. Obstetrical hemorrhages in the first half of pregnancy. Causes. Differential diagnosis. Management.
54. Obstetrical hemorrhages in the second half of pregnancy. Abruptio placentae. Placenta praevia. Diagnosis. Management.
55. Hemorrhages in the third period of labor. Placenta accreta. Diagnosis. Management
56. Postpartum hemorrhage. Classification. Causes. Management.
57. Uterine rupture. Classification. Clinical picture. Diagnosis and treatment.

58. Post-term pregnancy. Etiology. Diagnosis. Management. Post term new-born, characteristics.
59. Caesarean section. Classification. Indications and contraindications. Preoperative preparation. The technique of caesarean section.
60. Amniotic fluid embolism. Etiology and pathogeny. Clinical picture. Diagnosis and treatment.