

EXAMINATION QUESTIONS FOR THE FINAL CERTIFICATION OF STUDENTS 6TH YEAR

1. Embryonic and fetal development. Feto-placental system. Structure and function of the placenta.
2. Perinatal care of the fetus and newborn. Methods of diagnosis of perinatal pathology.
3. Family planning. Social and medical aspects of abortion. Indications for termination of pregnancy.
4. Deontology in obstetrics and gynecology.
5. Diagnosis of pregnancy. Estimation of gestational age and labor date.
6. Ultrasonography in obstetrics.
7. The structure and organization of work in the women's consultation.
8. Hygiene in pregnant. Nutrition during pregnancy. Psychoprophylactic care of pregnant women for childbirth.
9. Basic indices of obstetric services. Maternal mortality. Perinatal mortality.
10. Levels of the organizations providing obstetrical and gynecological care. Specialized obstetrical and gynecological care.
11. The structure and organization of work in the maternity hospital, maternity ward of the multifield hospital.
12. Aseptic and antiseptic in obstetrics. Prevention of nosocomial infection.
13. Anatomical and physiological characteristics of the female body in different age periods.
14. Physiological changes of the endocrine system in pregnant women.
15. Physiological changes of the hemostasis system in pregnant women.
16. Physiological changes of the cardiovascular system in pregnant women.
17. Physiological changes of the urinary system in pregnant women.
18. Evaluation of the biological availability of pregnant women for labor. The causes for the onset of labor.
19. Parturition. Preliminary period.
20. The first stage of labor. The clinical course and management.
21. Labor analgesia, methods, indications, medications.
22. The second stage of labor. The clinical course and management. Biomechanism of labor.
23. The clinical course and management of the third stage of labor.
24. The course and management of physiological puerperium.
25. Assessment of the newborn's condition in the delivery room. Care of the newborn.
26. Anemia of pregnancy: causes, clinical manifestations, diagnosis, treatment, prophylaxis.
27. Specificity of the course and management of pregnancy and delivery in women with heart disease.
28. Specificity of the course and management of pregnancy and delivery in women with arterial hypertension.

29. Specificity of the course and management of pregnancy and delivery in patients with diabetes.
30. Pathology of the fetus and newborn from mothers with diabetes.
31. Specificity of the course of pregnancy and delivery in women with thyroid diseases.
32. The influence of thyroid hormones on the development of the fetus and newborn. Prophylaxis of iodine deficiency.
33. Gestational pyelonephritis. Diagnosis, course and management of pregnancy, delivery and the postpartum period.
34. Pregnancy and glomerulonephritis. Diagnosis. Treatment. The course and management of pregnancy. Contraindications to the prolongation of pregnancy.
35. Pregnancy and delivery in women with obesity and underweight.
36. Appendicitis and pregnancy. Specificity of the diagnosis. Treatment strategy.
37. Abnormal uterine action. Risk factors, causes, classification.
38. Uterine inertia. Causes, clinical signs, diagnosis, treatment, prophylaxis.
39. Incoordinate uterine action. Causes, clinical signs, diagnosis, treatment, prophylaxis.
40. Generalized tonic contraction. Causes, clinical signs, diagnosis, treatment, prophylaxis.
41. Anatomically contracted pelvis. Definition, etiology, classification by the shape and degree of contraction. Diagnosis. Specificity of the course and management of pregnancy and labor.
42. Cephalopelvic disproportion. Definition, causes, diagnosis, management of labor.
43. Malpresentation. Etiology, classification, diagnosis, course and management of labor.
44. Transverse and oblique fetal lie. Etiology, diagnosis, management of pregnancy and labor.
45. Birth injury of the fetus. Causes, clinical signs, diagnosis, prevention.
46. Breech presentation. Diagnosis, course and management of pregnancy and labor.
47. Multifetal gestation. Causes, diagnosis, course and management of pregnancy and delivery.
48. Isoimmunisation between maternal and fetal blood. Diagnosis, specificity of management of pregnancy and delivery.
49. Hemolytic disease of the fetus and newborn. Pathogenesis, classification, diagnosis, treatment, prophylaxis.
50. Placenta praevia. Causes, classification, clinical signs, diagnosis, management of pregnancy and delivery.
51. Placental abruption. Etiology, pathogenesis, clinical signs, diagnosis, management of pregnancy and delivery, prophylaxis.
52. Placenta accreta, increta and percreta. Etiology, pathogenesis, clinical signs, diagnosis, obstetrical tactics.

53. Bleeding in the early postpartum period. Etiology, diagnosis, treatment strategy, methods of temporary and final haemostasis.

54. Labor induction. Medications that increase uterine contractions. Methods, indications and contraindications for use, the influence on the fetus.

55. Uterine rupture. Classification, causes, pathogenesis, clinical signs, diagnosis, treatment.

56. Hemorrhagic shock in obstetrics. Pathogenesis, clinical manifestations, diagnosis, principles of treatment, prophylaxis.

57. Infusion-transfusion therapy of hemorrhagic shock. Prophylaxis of DIC-syndrome.

58. DIC-syndrome in obstetrics. Causes, pathogenesis, clinical signs, diagnosis, treatment.

59. Amniotic fluid embolism. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

60. Vomiting of pregnancy. Pathogenesis, clinical signs, diagnosis, treatment.

61. Preeclampsia. Pathogenesis, classification clinical signs, diagnosis and differential diagnosis, treatment, prophylaxis.

62. Eclampsia. Pathogenesis, clinical course, diagnosis and differential diagnosis, treatment.

63. Intensive care of severe preeclampsia. Prophylaxis.

64. Specificity of the course and management of labor in preeclampsia.

65. HELLP-syndrome. Etiology, pathogenesis. Clinical manifestation. Diagnosis. Treatment strategy.

66. Placental insufficiency. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

67. Chronic fetal hypoxia. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

68. Acute fetal asphyxia. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

69. Fetal growth restriction syndrome. Causes, diagnosis, treatment, prophylaxis.

70. Miscarriage. Spontaneous abortion. Definition, causes, clinical course, diagnosis, treatment, prevention.

71. Preterm labor. Causes, clinical course, diagnosis, management of labor, prevention. Signs of immaturity of the newborn.

72. Respiratory distress syndrome of the newborn. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

73. Postterm pregnancy. Definition, causes, clinical signs, diagnosis, management of pregnancy and labor, prophylaxis.

74. Cesarean section. Indications, contraindications and conditions. Complications and their prophylaxis.

75. Stages of cesarean section. Anesthesia for cesarean section.

76. Peritonitis after cesarean section. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

77. Vaginal delivery operations: forceps, vacuum extraction of the fetus. Indications, conditions, complications.

78. Predisposing factors and conditions for the development of purulent-septic diseases in the puerperal period.

79. Postpartum metroendometritis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

80. Postpartum thrombophlebitis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

81. Sepsis in obstetrics. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

82. Septic shock in obstetrics. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

83. Intrauterine infection. Etiology, pathogenesis, clinical signs, diagnosis. The principles of treatment. Management of pregnancy and delivery. Prophylaxis.

84. The course and management of pregnancy in HIV-infection. Prevention of perinatal HIV-transmission.

85. Vulvovaginal candidiasis and pregnancy. Pathogenesis, clinical signs, diagnosis, treatment.

86. Congenital malformations of the fetus. Causes, diagnosis, management of pregnancy and delivery.

87. Menstrual cycle. Neuro-humoral regulation of the female reproductive function.

88. Methods of examination in gynecology.

89. The microflora of the female genital tract in health and disease. Microscopy of vaginal discharge.

90. Physiological mechanisms of protection against pathogenic organisms and inflammatory diseases of the genital organs.

91. Instrumental methods of examination in gynecology.

92. Ultrasound diagnosis in gynecology.

93. Endoscopic techniques in the diagnosis of gynecological diseases.

94. Gynecological help for children and adolescents.

95. Inflammatory diseases of the genital organs in girls. Clinical features, diagnosis, treatment, prophylaxis.

96. Amenorrhea. Classification. Etiology. Pathogenesis.

97. Abnormal uterine bleeding. Etiology, pathogenesis, classification PALM-COEIN.

98. Treatment of abnormal uterine bleeding. Prophylaxis. Rehabilitation.

99. Dysmenorrhea. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

100. Premenstrual syndrome. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

101. Polycystic ovary syndrome. Etiology, pathogenesis, classification (types of PCOS), clinical manifestations, diagnosis, treatment, prophylaxis.

102. Adrenogenital syndrome. The pathogenesis, clinical manifestations, diagnosis, treatment.

103. Hyperprolactinaemia. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
104. Sheehan's syndrome (postpartum panhypopituitarism). Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
105. Climacteric syndrome. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
106. Postcastration syndrome. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prevention.
107. Hyperplastic processes of endometrium. Etiology, pathogenesis, classification, clinical manifestations, diagnosis, treatment, prophylaxis.
108. Endometrial polyps. Pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
109. Uterine myoma. Etiology, pathogenesis, classification, clinical manifestations, diagnosis, treatment.
110. Dishormonal breast diseases. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
111. Adenomyosis. Pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
112. Ovarian endometriosis. Pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
113. Retrocervical endometriosis. Pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
114. Ovarian cysts and cystomas. Pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
115. Bartolinitis. The etiology, clinical manifestations, diagnosis, treatment, prophylaxis.
116. Vaginitis. The etiology, clinical manifestations, diagnosis, treatment, prophylaxis.
117. Bacterial vaginosis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
118. Endometritis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
119. Acute salpingoophoritis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis. Rehabilitation.
120. Chronic salpingoophoritis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis. Rehabilitation.
121. Pelvioperitonitis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.
122. Gonorrhoea. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis. Criteria for cure.
123. Genital herpes. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis. Genital herpes and pregnancy.
124. Trichomoniasis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

125. Urogenital chlamydial infection. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, chlamydial infection. Chlamydial infection and pregnancy.

126. Vulvovaginal candidiasis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

127. Ectopic pregnancy. Classification. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis. Rehabilitation.

128. Ovarian apoplexy. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment. Rehabilitation.

129. Torsion of ovarian tumors. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prophylaxis.

130. Incomplete abortion. Clinical features, diagnosis, treatment.

131. Preoperative management in gynecology (planned and emergent gynecological operations).

132. Postoperative care in gynecological patients.

133. Diseases of the cervix. Classification, clinical features, diagnosis, treatment, prophylaxis.

134. Cervical dysplasia. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prevention.

135. Uterine malformations. Clinical features, diagnosis, treatment.

136. Pelvic organ prolapse. Classification, etiology, pathogenesis, clinical features, diagnosis, treatment, prevention.

137. Causes of infertility. Examination of the infertile couple.

138. Basic principles of treatment of female infertility. Assisted reproductive technologies.

139. Hormone therapy in obstetrics and gynecology. Indications. Contraindications. Complications.

140. Hormone replacement therapy: indications, principles, contraindications.

141. Classification of methods of contraception. Choice of method. Route of administration.

142. Hormonal contraceptives. Classification. Indications, contraindications. Side effects and complications.

143. Intrauterine contraception, types of contraceptives. The technique of insertion. Contraindications to the insertion. Indications for extraction of intrauterine contraceptive device.