

List of questions to governmental examination on Conservative Dentistry

1. Conservative Dentistry, its tasks. Stages of development of the dentistry of our country.
2. Organization of stomatological aid in the Ukraine.
3. Rights and the responsibility of dentist.
4. Organization of work of the therapist-dentist. Quantitative and quality indicators of work.
5. Organization of dental aid to rural community.
6. Organization of dental aid under the conditions of economic reforms.
7. Legal aspects of the activity of dentist.
8. Indices dental morbidity of population (prevalence, intensity). Methods of determination.
9. Development of tooth. Morphogenesis of tissues of tooth and periodontium.
10. Clinical anatomy of permanent teeth.
11. Signs of differences of different groups of permanent teeth.
12. Topography anatomy of pulp cavities of permanent teeth.
13. An enamel of tooth. Histological structure, chemical composition, functions.
14. Dentine of tooth. Histological structure, chemical composition, functions.
15. Cement of tooth. Histological structure, chemical composition, functions.
16. Pulp of tooth. Histological structure, chemical composition, functions.
17. Functions of pulp. Age features of structure and functions.
18. Periodontium. Histological structure, innervation, blood supply.
19. Functions of periodontium. Age features of structure and function of periodontium.
20. Parodontium. Histological structure. Innervation, blood supply, function.
21. Clinical anatomy of the oral mucosa.
22. Histological structure of the oral mucosa.
23. Functions of the oral mucosa.
24. Permeability of enamel: mechanisms, influence of endogenous and exogenous factors.
25. Metabolism in enamel of tooth, tracts of receipt of substances to an enamel.
26. Mineralization of an enamel of tooth, mechanism, influence of different factors, value of saliva. Demineralization of an enamel. Mechanism, influence of endogenous and exogenous factors.
27. Solubility of enamel. Influence of endogenous and exogenous factors. Methods of definition, their clinical value.
28. Permeability of dentine. Mechanism, functional value.
29. Saliva is the biological environment of oral cavity. Chemical composition of saliva, its changes under influence of endogenous and exogenous factors.
30. Physiological function of saliva. Mineralizing, protective and cleaning functions.
31. Superficial lumps on the teeth (cuticula, pellicula). Mechanism of formation. Structure of cuticle, pellicle, functional value.
32. Parodontium. Anatomical-topographical special features, function.
33. Dental deposit, mechanism of formation, composition.
34. Physical features, chemical composition, microorganisms of dental deposit.
35. Gingival liquid: the mechanism of formation, composition, functional value.
36. Microorganisms of oral cavity in normal feature, changes of their composition under the influence of external and internal factors.
37. Classification of the noncarious lesions of teeth.
38. Noncarious lesions of teeth: dental trauma, abrasion, necrosis, erosion of hard tooth tissues. Reasons of development, clinics, diagnostics, differential diagnostics, prevention.
39. Noncarious lesions of teeth: hyperesthesia, wedge-shaped defects. Reasons of development, clinics, diagnostics, differential diagnostics, treatment.
40. Hypoplasia of enamel: classification, etiology, pathogenesis, clinics, diagnostics, differential diagnostics, treatment and prevention.
41. Necrosis of hard tooth tissues. Etiology, pathogenesis, clinics, diagnostics, differential diagnostics, treatment.
42. Caries of teeth. Prevalence of caries in countries of world, influence of factors of outdoor environment on prevalence of caries.
43. The chemico-parasitic theory of the development of caries, its essence, positive aspects, shortcomings.
44. The physicochemical theory of the development of caries of D.A. Entin, its essence, positive aspects, shortcomings.
45. Theories of the development of caries of I.G. Lukomskij, A.E. Sharpenak, their essence, positive aspects, shortcomings.
46. The working conception of the development of caries of teeth of A.I. Rybakov.
47. The modern conception of the development of caries of teeth (papers of E.V. Borovskij, P.A. Leus, V.K. Leontev).
48. Function of saliva in the development of caries.
49. Value of microorganisms in the development of caries of teeth.
50. Role of condition of oral hygiene in pathogenesis of caries.
51. Demineralization of an enamel. Mechanism, influence of endogenous and exogenous factors.

52. Initial caries. Clinics, pathologic anatomy, diagnostics, differential diagnostics, methods of treatment.
53. Remineralization therapy of initial caries: types, mechanisms of action, displays for using, methods of treatment, performance criteria.
54. Superficial caries. Clinics, pathologic anatomy, diagnostics, differential diagnostics, treatment, choice of filling material.
55. Middle caries. Clinics, pathologic anatomy, diagnostics, differential diagnostics, treatment, choice of filling material.
56. Chronic deep caries. Clinics, pathologic anatomy, diagnostics, differential diagnostics, treatment, choice of filling material.
57. Acute deep caries. Clinics, pathologic anatomy, diagnostics, differential diagnostics, treatment, choice of filling material.
58. Mistakes and complications, which development after treatment of deep caries: reasons of development, methods of their elimination and prevention.
59. General principles of the preparation of carious cavities, their substantiation.
60. Preparation and filling of carious cavities by the Ist class.
61. Preparation and filling of carious cavities by the IInd class.
62. Preparation and filling of carious cavities by the IIIrd class.
63. Preparation and filling of carious cavities by the IVth class.
64. Preparation and filling of carious cavities by the Vth class.
65. Mistakes and complications by the preparation of carious cavities: reasons of development, methods of their elimination and prevention.
66. Filling materials, types, general requirements for them.
67. Amalgam, physical properties, indications for use, technique of filling.
68. Cements: types, physico-chemical properties, indications for use, technique of filling.
69. Zinc-eugenolic cements. Composition, properties, indication to the application.
70. Glassionomer cements: types, properties, indications for use, technique of filling.
71. Composite filling materials. Classification, properties, indications for use, features of filling.
72. Preparation of carious cavity for the filling with the composites: echting of the tissues of tooth, adhesive systems (structure, the principles of interaction with the tissues of tooth, the technology of application).
73. Composite materials of chemical curing: types, composition, indications for use, features of filling.
74. Light-cured composite materials: types, properties, indications for use, features of filling and final processing of fillings.
75. Echting of enamel and dentine. Indication, forms, conditioners, the technique of total echting.
76. Adhesive systems of composite materials. Basic forms, the procedure of the application of adhesive systems of the fourth and fifth generations.
77. Mechanism and the procedure of the formation of the hybrid zone of dentine, value during the filling with composite materials.
78. Using of light-cured composites for restoring the cosmetic defects of enamel and dentine (fluorosis, hypoplasia, the change of color).
79. Mistakes and complications with the working with light-cured composite materials.
80. Mistakes and complications with the work with the composite materials of chemical curing.
81. Contractual point, detection, functional value, indications for the restoration, technique of restoration during filling of different filling materials.
82. Sandwich- technician during the treatment of caries. Forms, essence, procedure.
83. Mistakes and complications with filling of teeth with different filling materials (cements, amalgam, the composites of chemical polymerization).
84. Using of an electrophoresis during the treatment of caries. Indications, medicines, procedure.
85. Remineralization therapy of caries. Application of preparations of fluorine, the mechanism of action, the forms of preparations, the procedure of treatment.
86. Etiology of pulpitis. Pathogenesis of acute and chronic pulpitis.
87. Pathogenesis of acute and chronic pulpitis.
88. Classification of pulpitis. General symptomatology of pulpitis.
89. Methods of diagnostics of pulpitis.
90. Hyperemia of pulp. Clinic, pathologic anatomy, diagnostics, differential diagnostics, treatment.
91. Acute circumscribed (limited) pulpitis. Clinic, pathologic anatomy, diagnostics, differential diagnostics, treatment.
92. Acute diffuse serous pulpitis. Clinic, pathological anatomy, diagnostics, differential diagnostics, choice of methods of treatment.
93. Acute suppurative (purulent) pulpitis. Clinic, pathological anatomy, diagnostics,, choice of methods of treatment.
94. Acute traumatic pulpitis. Clinic, pathological anatomy, diagnostics, differential diagnostics, choice of methods of treatment.
95. Chronic fibrous pulpitis. Clinic, pathological anatomy, diagnostics, differential diagnostics, choice of methods of treatment.

- 96.Chronic gangrenous pulpitis. Clinic, pathological anatomy, diagnostics, differential diagnostics, choice of methods of treatment.
- 97.Chronic hypertrophic pulpitis. Clinic, pathological anatomy, diagnostics, differential diagnostics, treatment.
- 98.Chronic concrementous (calculus) pulpitis. Clinic, pathological anatomy, diagnostics, differential diagnostics, choice of methods of treatment.
- 99.Pulpitis, complicated with focal periodontitis. Clinic, diagnostics, differential diagnostics, treatment.
- 100.Differential diagnostics of the chronic forms of pulpitis.
- 101.Conservative (biological) method of treatment of pulpitis: substantiation, displays, medicines, technique, control of efficiency, complications and their prevention.
- 102.Method of vital amputation and extirpation of pulp. Essence, substantiation, indication, the stages of treatment.
- 103.Devital method of treating pulpitis. Essence, the mechanism of the action of the devital preparations, indication, the stages of treatment, mistakes and complication, their prevention.
- 104.Instrumental processing of root canals. "Step-Back" technology.
- 105.Endodontic instruments for the passage, the expansion and the forming of root canals. Principles of application.
- 106.Mistakes and complication with the instrumental processing of root canals.
- 107.Mistakes and complication during the treatment of pulpitis, reason for development, their prevention, clinic.
- 108.Physical methods of treatment of pulpitis.
- 109.Etiology of periodontitis.
- 110.Pathogenesis of acute periodontitis.
- 111.Pathogenesis of chronic periodontitis.
- 112.Acute apical periodontitis. Clinic, pathological anatomy, diagnostics, differential diagnostics.
- 113.Treatment of acute serous and acute purulent apical periodontitis. Medicamental processing of root canals. Groups of medicines, the mechanism of action, indication to the application.
- 114.Using of proteolytic enzymes for treatment of periodontitis for treatment of acute and exacerbation of chronic periodontites.
- 115.Using of sorbates for treatment of periodontitis of acute and exacerbation periodontites.
- 116.Chronic granulating periodontitis. Clinic, pathological anatomy, diagnostics, differential diagnostics, treatment.
- 117.Chronic granulomatous periodontitis. Clinic, pathological anatomy, diagnostics, differential diagnostics, treatment.
- 118.Chronic fibrous periodontitis. Clinic, pathological anatomy, diagnostics, differential diagnostics, treatment.
- 119.Exacerbation of chronic periodontitis. Clinic, diagnostics, differential diagnostics, treatment.
- 120.Differential diagnostics of the chronic forms of periodontites.
- 121.Endodontic instruments for the passage, the expansion and the forming of root canals. Standards ISO.
- 122.. Instrumental processing of root canals. Step- Back technology, Crown-Down technology.
- 123.Material for filling of root canals, requirement for them.
- 124.Technique of filling of root canals. Filling root canals with the method of central pin.
- 125.Sealers: groups, properties, indication to the application, the procedure of filling.
- 126.Fillers: groups, characteristics, displays for using.
- 127.Gutta-percha: properties, forms, indication to the application. Gutta-percha of points. Standards.
- 128.Filling of root canals with methods of vertical condensation of gutta-percha.
- 129.Filling of root canals of with the method of the cold vertical condensation of gutta-percha.
- 130.Filling of root canals with termafill.
- 131.Mistakes and complications during instrumental processing of root canals.
- 132.Mistakes and complications during filling of root canals.
- 133.Physical methods of treatment of periodontitis. Types, the mechanism of action, indication, the procedure of application.
- 134.Treatment of periodontitis in multi-root teeth with barely passable of root canals.
- 135.Complication of acute and chronic periodontitis. Reasons for development, their elimination and prevention.
- 136.Chronic centers of infection in the oral cavity. Mechanism of the development of chronic odontogenous sepsis, clinic, diagnostics, the methods of treatment.
- 137.Systematization and nomenclature of diseases of parodontium.
- 138.Clinical methods of diagnostics of the diseases of parodontium.
- 139.Laboratory methods of examinations of diseases of parodontium.
- 140.Catarrhal gingivitis. Etiology, pathogenesis, clinic, pathological anatomy, diagnostics, differential diagnostics.
- 141.Treatment of acute and chronic catarrhal gingivitis.
- 142.Desquamatory gingivitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.

143. Hypertrophic gingivitis. Etiology, pathogenesis, clinic, pathological anatomy, diagnostics, differential diagnostics.
144. Treatment of hypertrophic gingivitis.
145. Ulcerous gingivitis. Etiology, pathogenesis, clinic, pathological anatomy, diagnostics.
146. Treatment of ulcerous gingivitis.
147. Localized parodontitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics.
148. Treatment of localized parodontitis.
149. Significance of the scientific works of the professors I.O. Novik, N.F. Danilevskiy and their followers in the development of modern parodontology.
150. Systematization and nomenclature of diseases of parodontium. Classification of the diseases of parodontium NMU (N.F. Danilevskiy, 1994).
151. Role of local factors in the pathogenesis of the tissues of parodontium.
152. Role of neuratrophic and exchange disturbances in the pathogenesis of the diseases of parodontium.
153. Role of endocrine disturbances in the pathogenesis of the diseases of parodontium.
154. Role of deficit of vitamins A, C, E in pathogenesis of diseases of parodontium.
155. Value of the damage of microcirculation of the tissues of parodontium in the pathogenesis of the diseases of parodontium.
156. Value of immune disturbances in the pathogenesis of the diseases of parodontium.
157. Value of the state of the hygiene of the oral cavity in the pathogenesis of the diseases of parodontium.
158. Dental deposit, dental plaque. Mechanism of formation, influence on tissue of parodontium.
159. Methods of the removal of dental deposit, prevention its formation.
160. Clinical-roentgenological and laboratory indices of generalized parodontitis of chronic course.
161. Clinical-roentgenological and laboratory indices of generalized parodontitis of exacerbation course.
162. Laboratory methods of examinations of diseases of parodontium.
163. Parodontosis. Clinic, diagnostics, differential diagnostics.
164. Differential diagnostics of gingivitis, parodontitis, parodontosis.
165. Histiocytosis X: disease of Leterer-Zive, the disease of Khend-Shyuler-Krischen, eosinophilic granuloma. Clinic, diagnostics, differential diagnostics, principles of treatment.
166. Syndrome of Papiyon-Leffevr. Clinic, diagnostics, differential diagnostics, treatment.
167. Basic principles and plan of treatment of patient with generalized parodontitis.
168. The local stimuli of the tissues of parodontium with generalized parodontitis and the methods of their elimination.
169. Methods of determination and eliminating the traumatic occlusion. Temporary splinting of teeth.
170. Local medicamental therapy of generalized parodontitis of chronic course.
171. Local medicamental therapy of generalized parodontitis of the exacerbation course.
172. Parodontal pocket, mechanism of formation. Methods of treatment (medicamental, surgical: curettage, its types).
173. Treatment of patients with parodontitis.
174. General treatment of patient with diseases of parodontium.
175. Surgical treatment of generalized parodontitis. Vacuum- curettage, indications, technique of application.
176. Flap operations. Types, indications and technique of application.
177. Treatment of parodontosis.
178. Curettage of parodontal pockets and its forms. Indications and the procedure of the closed and open curettage.
179. Gingivotomy and its types. Indications and technique of application.
180. Gingivectomy and its types. Indications and technique of application.
181. Balneotherapy in the treatment of the diseases of parodontium. Forms, the mechanism of action, indication, contra-evidence. Methods of treatment.
182. Massage for treatment of diseases of parodontium. Types, mechanism of action, indications, technique of application.
183. Electropathy of the diseases of parodontium. Forms, the mechanism of action, indication, the procedure of treatment.
184. Using of magneto and the laser-therapy of the diseases of parodontium.
185. Mistakes and complication during the treatment of generalized parodontitis.
186. Prevention of diseases of parodontium. Professional hygiene of oral cavity.
187. Examination of patient with the diseases of the oral mucosa.
188. Elements of defeat with the diseases of the oral mucosa.
189. Catarrhal stomatitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
190. Chronic recurrent aphthous stomatitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
191. Ulcerous-necrotic stomatitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
192. Differential diagnostics of ulcers of oral mucosa.
193. Gangrenous stomatitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
194. Herpetic stomatitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.

195. Herpes Zoster. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
196. Candidiasis of oral mucosa. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
197. Polymorphic exudate erythema. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
198. Leukoplakia. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
199. Allergic manifestations in the oral cavity. Etiology, clinic, pathogenesis, diagnostics, treatment.
200. Displays of the allergy of delayed type in oral cavity. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
201. Lichen ruber planus. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
202. Lupus erythematosus. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
203. Pemphigus. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
204. Pemphigus only oral mucosa. Clinic, diagnostics, differential diagnostics, treatment.
205. Changes of oral mucosa at the leukemia.
206. Changes of oral mucosa at the anaemia, hemorrhagic syndrome.
207. Changes of oral mucosa at the cardiovascular and endocrine systems.
208. Changes of oral mucosa at the of the system of digestion.
209. Changes of oral mucosa at the hypovitaminosis and avitaminosis C, A, K, group B.
210. Defeat of the oral mucosa with acute radiation. Principles of treatment.
211. Clinical manifestations of the syphilis in oral cavity. Differential diagnostics.
212. Tuberculosis of oral cavity. Clinical manifestations, diagnostics, differential diagnostics.
213. Pre-cancer diseases of oral mucosa. Classification, differential diagnostics, principles of treatment of ulcerous lesions.
214. Mercury stomatitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
215. Lead stomatitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
216. Acute glossitis. Etiology, clinic, pathogenesis, diagnostics, treatment.
217. Desquamative glossitis. Etiology, clinic, pathogenesis, diagnostics, treatment.
218. Median rhomboid glossitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
219. Cheilitis exfoliativa. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
220. Cheilitis glandularis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
221. Actinic, meteorological cheilitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
222. Contact allergic cheilitis. Atopic cheilitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
223. Exematous cheilitis. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
224. Chronic fissure of lip. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
225. Lymphodema. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
226. Macrocheilitis. Etiology, clinic, pathogenesis, diagnostics, treatment.
227. Syndrome of Melkersson-Rezental. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
228. Precarcinomatous cheilitis of Mangonotti. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
229. Glossodynia. Etiology, pathogenesis, clinic, diagnostics, differential diagnostics, treatment.
230. Etiology, pathogenesis of AIDS.
231. Displays of AIDS in oral cavity.
232. Prevention of AIDS. Dental aspects of the prevention of AIDS.

Head of Conservative Dentistry department NMU
professor

A.V.Borysenko