Synopsis for oral exam on clinic of Conservative Dentistry

1. Dental caries - classifications. Basic principles for establishment and critical analysis of existing classifications.
2. Pathomorphological characteristic of acute and chronic dental caries.
3. Clinical and paraclinical characteristic of different types of dental caries.
5. Early diagnosis of dental caries - a critical analysis of the principal methods.
6. Methods and devices for the treatment of initial carious lesions / white lesions /.
11. Types and causes of dental hyperaesthesia.
15. Basic indicators to assess the clinical condition of teeth with extensive destruction of the clinical crown.
16. Analysis of existing tooth structure for preparation of restoration with significant damage of the clinical crown.
17. Basic requirements to the tooth preparation on considerable destruction affecting different parts of the dental crown.
20. Critical analysis of direct composite restorations and composite inlays.
26. Dental pulp - biological treatment methods - medical and biological foundations.
27. Indirect pulp capping. Technique, medicines, prognosis.
34. Treatment of acute periodontitis.
36. Treatment of chronic periodontitis.
40. Main objectives of the emergency endodontics and ways to achieve them.
41. The most frequent diagnosis - subject of emergency endodontics. Evidence based treatment.
42. Main components of post and cores restoration following an endodontic treatment. Purpose, indications and contraindications of posts and cores.
43. Classification of posts. Requirements and biomechanical problems with posts
44. Practical approaches with the main types of posts. Errors and complications.
45. Indications, complications and clinical stages of cast post restorations.
46. Mistakes and complications during or after endodontic treatment.
47. The main reasons for difficulties or incorrect diagnosis in endodontics.
49. Nonodontogenic units mimicking endodontic diseases - anatomical structures and pathological changes.
50. Problems during endodontic retreatment cases.
51. Reasons and methods of retreatment of endodontically treated teeth.
52. Basic techniques of endodontic surgery. Incision for drainage.

Synopsis for the written exam on clinic of Conservative Dentistry
1. Clinical and paraclinical differentiation of acute and chronic carious process.
2. Differential diagnosis of deep caries.
3. Opportunities and critical analysis of X-ray diagnosis of primary carious lesions.
5. Cavity restoration with dental amalgam – mistakes leading to secondary caries.
7. Indications and contraindications for cast inlays.
8. Reversible and irreversible inflammatory diseases of the dental pulp.
10. Differential diagnosis of acute purulent total pulpitis.
12. Indications and contraindications for biological treatment of the dental pulp - direct and indirect pulp capping.
13. Indications and contraindications for the vital pulp extirpation (pulpectomy).
16. Technique for cleaning the root canal system in case of periapical abscess.
18. Indications and contraindications for endodontic apical surgery.
19. Indications and contraindications for resection, for root hemisection and bicuspidization.
21. Intraligamental anesthesia.
22. Intrapulpal and intrabone anesthesia.
23. Critical analysis of the materials used for cores.
25. Endodontic microbiology - conditions and routes of root canal infection to the dental pulp and periodontium.
27. Discolorations of the teeth - reasons.