Questions for the state exam in Therapeutic Dentistry

Questions of Restorative Dentistry:

1. Radiographic examination in the restorative dentistry
2. Dentinal hyperesthesia
3. Anti-caries defence mechanisms of the enamel dentin and dental pulp
4. Dental caries theories
5. Rigid fillings – inlays and onlays
6. Saliva and its importance for the oral cavity
7. Examination and treatment plan of patient in dentistry
8. Dezinfectant and therapeutic means in restorative dentistry and endodontics
9. Deep caries lesion and its treatment
10. Health education in prevention of dental caries and periodontal diseases
11. Preparation of the dental hard tissues and the evaluation of operative procedures
12. Mistakes in the operative treatment of caries and in the filling therapy
13. Mistakes by restoring, preparing, mixing and handling with dental filling materials
14. Pulp protection during and after tooth restoration therapy
15. Dental tissues and their physiological and pathological changes
16. The nature, pathomorphological picture and progression of dental caries
17. The assessment of the caries activity (caries risk) of the patients
18. Noncarious changes to tooth crowns
19. Iatrogenous marginal irritations and their prevention and treatment
20. Professional hazards to the dental operator, and staff in dental office
21. Stomatological treatment of the medically compromised patients
22. Indications filling therapy of defects and lesions of dental hard tissues
23. Discolorations of the teeth and their treatment
24. Procedures by coomposite filling therapy, step by step
25. Procedures by amalgam filling therapy, step by step
26. Dental restorative filling materials, composition, properties, indications
27. Glass-ionomers in restorative dentistry, sandwich techniques
28. Problems of dental composite materials and their solutions
29. Modern dental amalgams
30. Adhesive dental filling systems, types of bonding
31. Principles of resistance and retention in filling therapy
32. Treatment of the neck lesions and defects
33. Treatment of the Black II. cavities
34. Treatment of the Black III. cavities
35. Treatment of the Black IV. cavities
36. Calciumhydroxide in restorative dentistry
37. Dental microbial plaque
38. External bleaching of the teeth
39. Root caries, cementum caries
40. Noninvasive treatment of dental caries
41. Miniinvasive preparation technique in treatment of dental caries
42. Comparison of the esthetic dental filling materials
Questions of Endodontics:

1. Common problems of restorative dentistry with the stomatological surgery, prosthetics and periodontology
2. Differentiate diagnosis pain of the teeth origin
3. Diagnosis and differentiate diagnosis of pulp diseases
4. Diagnostic possibilities of the dental pulp diseases
5. Aetiology and classifications of the dental pulp diseases
6. Hyperemia and acute inflammations of the dental pulp
7. Chronic inflammations of the dental pulp
8. Reversible and irreversible pathological changes of the dental pulp
9. Direct pulp capping
10. Practical approach of pulpitis treatment
11. Dental pulp amputation (pulpotomy of dental pulp)
12. Exstirpation of the dental pulp (pulpectomy of dental pulp)
13. Mortal treatment of the inflammed dental pulp
14. Necrotizing agents in the therapy of dental pulp inflammations
15. Vital versus mortal treatment methods of inflamed dental pulp
16. Necrosis and gangrena of the dental pulp, infected root canals
17. Periodontitis apicalis acuta
18. Periodontitis apicalis chronica
19. Pulp-periodontal komplex and pulp–periodontal lesions
20. Therapy of infected root canals
21. Complications in the treatment of pulpitis and non vital teeth
22. Obturation therapy of root canals and the root canal fillings
23. The assessment of results and evaluation of the endodontic therapy
24. Dental focii. Dental focal infection
25. Mechanical and chemical enlargement of root canals
26. Complications during root canal treatment
27. Endodontic instrumentarium and endodontic techniques
28. Mechanical and medicamentous endodontic treatment

29. Internal bleaching of the endodontic treated teeth

30. Odontogenous resorption
Questions of Paedodontics:

1. Calcium hydroxide in paedodontics
2. The examination and treatment plan of child patient
3. Radiographic examination in paediatric dentistry
4. Management of child patient, psychoprophylaxy psychotherapy and medication in paedodontics
5. Developmental chronology of primary dentition
6. Developmental chronology of permanent dentition
7. Dental filling materials in paedodontics
8. Dental caries of primary dentition and its operative treatment
9. Preservation possibilities of the supporting teeth zone
10. Fixed and removable prosthetic appliances in the child age
11. Young permanent teeth with non ending root formation
12. Manifestation of infection and systemic diseases in the child mouth
13. Pulp diseases of the primary teeth
14. Treatment of infected root canals in primary teeth
15. Indication of extractions for the primary and permanent teeth in children
16. Periodontitis in primary dentition
17. Developmental disturbances of the hard dental tissues formation
18. Developmental abnormalities of the teeth
19. Crown fractures in the children
20. Root fractures in the children
21. Injuries of the periodontal tissues in the children
22. Complications of teeth injuries in child age
23. Anaesthesia in pedodontics
24. Prevention of dental caries in children
25. Mechanisms of anti-caries effects of fluorides
26. Oral hygiene in children
27. Topical application of fluorides in children
28. Endogenous – systemic application of fluorides in child age
29. Nutrition and diet counselling in the prevention of dental caries
30. Lymphatic nodes diseases in the children age
31. Salivary glands diseases in the children
32. Preventive dentistry programs of children and adolescents
33. Stomatological care of the medically compromised children
34. Root apexification
35. Endodontic treatment of primary teeth
36. Fissure sealing and preventive resin restorations
Question of Periodontology

1. Symptoms of white plaque (differential diagnosis) Mucous white surface symptom (differential diagnosis)
2. Classification of periodontal diseases
3. Dental plaque and calculus: microbial biofilms and periodontal diseases
4. Local and general (systemic) contributing factors in periodontology
5. Epidemiology of periodontal diseases, indexes and their clinical significance
7. Dental plaque induced gingival diseases
8. Non-plaque-induced gingival lesions
9. Gingivitis hyperplastica and gingival enlargement
10. Chronic periodontitis
11. Aggressive periodontitis
12. Periodontitis associated with systemic diseases
13. ANUG/ANUP
14. Precancerous lesions of oral cavity
15. Xerostomia, dry mouth
17. Effect of nutrition, carency of vitamins and their etiological function in genesis of periodontal diseases and diseases of oral mucosa.
18. X-ray examination in periodontology. Classification of bone resorption
19. Clinical periodontal examination and patient records (documentation, charts)
20. General principles of treatment periodontal diseases
21. Surgical treatment of periodontal diseases - principles
22. Guide Tissue Regeneration (GTR)
23. Locally acting oral agents and systemic agents in treatment of periodontal diseases
24. Oral hygiene, home care and prevention of periodontal diseases
25. Prosthetic treatment of patients with periodontal disease
26. Occlusal trauma in periodontology
27. Colour changes of oral mucosa
28. Gingivostomatitis herpetica and differential diagnosis of viral infections
29. Stomatodynia and glossodynia
30. Hairy tongue
31. Leukoplakia oris
32. Oral lichen planus
33. Oral candidiasis (soor)
34. Aphtous stomatitis
35. Manifestation of HIV infection and AIDS in oral cavity
36. Manifestation of blood diseases in oral cavity
37. Erythema multiforme
38. Mucous membrane pemphigoid, Pemphigus vulgaris
39. Halitosis
40. Diseases of the lips, angular cheilitis