**Exam Questions on Cariesology:**

1. Theories of dental caries development.
2. Stages of dental plaque formation.
3. Histological structure of dental tissues in normal conditions and changes in dental caries.
4. Assessment of dental caries prevalence.
5. Basics of ergonomics in dental practice.
6. Techniques for isolating the working field.
7. Techniques for working with rubber dam.
8. Medical card of a dental patient, features of filling out in the case of hard tissue diseases.
9. Cariogenic situation in the oral cavity: methods of detection, prevention, and elimination.
10. Cariogenic situation in the oral cavity.
11. Caries resistance and caries susceptibility.
12. Etiology and pathogenesis of dental caries.
13. Classifications of dental caries.
14. Classification of carious lesions according to Black's classification.
15. Caries in the white spot stage: clinical presentation, diagnostic, differential diagnostic, modern treatment, and prevention methods.
16. Diagnosis and differential diagnostic of caries in the white spot stage.
17. Enamel caries: clinical presentation, diagnosis, differential diagnostic, modern treatment, and prevention methods.
18. Dentin caries: clinical presentation, diagnostic, differential diagnostic, modern treatment, and prevention methods.
19. Cementum caries: clinical presentation, diagnostic, differential diagnostic, modern treatment, and prevention methods.
20. Diagnostic of dental caries.
21. Diagnosis and differential diagnosis of enamel caries.
22. Diagnostic and differential diagnosis of dentin caries.
23. Characteristics of cavity formation depending on the localization of caries.
24. Methods of tooth preparation.
25. Stages of tooth preparation.
26. Errors and complications in the treatment of dental caries.
27. Adhesion to tooth enamel. Adhesion to tooth dentin. Classification of adhesive systems.
28. Classification of adhesive systems. Generations of adhesive system.
29. Enamel hypoplasia: etiology, pathogenesis, clinic, diagnostic, differential diagnostic s, treatment.
30. Fluorosis: etiology, pathogenesis, clinical presentation, diagnostic, differential diagnostic, treatment.
31. Tooth erosion: etiology, pathogenesis, clinical presentation, diagnostic, differential diagnostic, treatment.
32. Abfraction lesion: etiology, pathogenesis, clinical presentation, diagnostic, differential diagnostic, treatment.
33. Tooth discolorations: etiology, clinical presentation, diagnosis, differential diagnostic, treatment.
34. Microabrasion. Indications, steps.
35. Tooth whitening.
36. Classification of composite filling materials.
37. Classification of dental filling materials.
38. Prevention of dental caries in adults.
39. Wedge-shaped defect: etiology, pathogenesis, clinical presentation, diagnostic, differential diagnostic, treatment.
40. Modern methods of treatment caries in the white spot stage