**State exam from prosthodontics – questions – 5th year students**

1. Basic gnathology terms and their use during prosthetic reconstruction procedure

2. Temporomandibular join – anatomy, basic positions and movements of

mandibulae

3. Dental arch defects classification according to Kennedy, Voldřich and Eichner

4. Crown reconstructions

5. Abutment reconstructions evaluation (dental bridge retainers evaluation)

6. Dental bridges, indications, biostatic, principles of constructions, surgery and

laboratry steps

7. Cast, wire and combination clasp principles of constructions

8. Removable partial denture direct retainers (Attachements) – principles, functions, use. Overdenture.

9. Common components od removable partial dentures

10. Solving the defects Kennedy class I, II and III.

11. Techniques/procedures od removable partial dentures with cast framework

12. Dental examination of the patient before the making new complete dentures

13. Complete dentures – surgery and laboratory procedures/steps

14. The causes and consequences of teeth loss

15. Examination of the edentulous patient. Denture bearing area anatomy.

16. Complete dentures - maxillomandibular relation records

17. CO a CR in prosthodontics. Definition and registration options.

18. The clinical procedure of jaw relationships registration when making complete

dentures

19. Basic rules for complete dentures teeth setting

20. Complications/troubleshooting by the patients with complete dentures

21. Marginal gingiva and the impression

22. Immediate dentures. Advantages, disadvantages, contraindications and patient

education.

23. Rebase, reline and reparations of removable dentures – indications, working procedure

24. Posterior palatal seal by the complete denture

25. Impression material for fixed restorations evaluation

26. Impression material – definition, classification, use

27. Crown resins – use, processing

28. Base resins and processing errors

29. Porcelain fused metal (metal-ceramic) restorations, indications, surgery and

laboratory steps rules

30. Dental alloyes

31. Metal-ceramic dental alloyes

32. Porcelain fused ceramic (metal-ceramic) restorations

33. Full-ceramic restorations. Classification of dental ceramic.

34. ZrO2 – properties and use in prosthodontics

35. Basic indications of dental implantology

36. Contraindications in dental implantology

37. Prosthetic principles in dental implantology

38. Surveyor and it´s use

39. Resin and ceramic faced metal crowns. Surgery and laboratory procedures/steps

40. Biocompatibility of dental alloyes

41. Maxiofacial surgery indications before prosthteic treatment (pre-protetic surgery)

42. Cast and impressions disinfection. Microbiological findings. Disinfectants

43. Minimal invasion concepts in fixed restorations (adhesive bridges, vestibular

aesthetics veneer, onlay)

44. Examination of the patients in prosthetic dentistry

45. Temporary crowns, dental bridges. Imporatance, materials, fabrications methods

46. Periodontal system protection during the prothodontic treatment

47. Biological factor of abutment tooth, clasp teeth

48. Impression using the elastomers

49. Cast post and core and inlay

50. Crown restorations by the endodonticly treated teeth

51. Abutment teeth preparation principles, instruments. ISO norm.

52. Crown restorations and dental bridges luting/fixation

53. Basis of prosthetic treatment by the patients with implants

54. Adhesive dental bridges and splins. Indications, contraindication, material,

working technique

55. Dental alloyes processing

56. Dental ceramic processing possibilities