

## **State exam from prosthodontics – questions – 5<sup>th</sup> year students**

1. Basic gnathology terms and their use during prosthetic reconstruction procedure
2. Temporomandibular joint – 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
6. Dental bridges, indications, biostatic, principles of constructions, surgery and laboratory technique
7. Cast, wire and combination clasp principles of constructions
8. Attachments – principles, functions, use. Overdenture.
9. Common components of removable partial dentures
10. Solving the defects Kennedy class I, II and III.
11. Techniques/procedures of 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. Residual ridge and edentulous area carrying the complete denture anatomy.
16. Complete dentures - maxillomandibular relation records
17. CO a CR in prosthodontics. Definition and registration options.
18. The clinical procedure of registration jaw relationships 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 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 ceramic (metal-ceramic) restorations, indications, surgery and laboratory steps rules
30. Dental alloys
31. Metal-ceramic dental alloys
32. Porcelain fused ceramic (metal-ceramic) restorations
33. Full-ceramic restorations. Classification of dental ceramic.
34. ZrO<sub>2</sub> – properties and use in prosthodontics
35. Basic indications of dental implantology
36. Contraindications in dental implantology
37. Prosthetic principles in dental implantology
38. Casting system of dental alloys. The causes of defective frameworks from alloys
39. Surveyor and its use
40. Resin and ceramic faced metal crowns. Surgery and laboratory procedures/steps
41. Biocompatibility of dental alloys
42. Maxiofacial surgery indications
43. Cast and impressions disinfection. Microbiological findings. Disinfectants
44. Minimal invasion concepts in fixed restorations (adhesive bridges, vestibular aesthetics veneer, onlay)
45. Examination of the patients in prosthetic dentistry
46. Temporary crowns, dental bridges. Importance, materials, fabrications methods
47. Periodontal system protection during the prothodontic treatment
48. Biological factor of abutment and clasp teeth
49. Impression using the elastomers
50. Cast post and core and inlay
51. Crown restorations by the endodontically treated teeth
52. Abutment teeth preparation principles, instruments. ISO norm.
53. Crown restorations and dental bridges luting/fixation
54. Basis of prosthetic treatment by the patients with implants
55. Adhesive dental bridges and splints. Indications, contraindication, material, working technique
56. Dental alloys processing
57. Dental ceramic processing possibilities