

Prosthodontics II Exam questions for the 4th year

General questions

1. Definition and characteristics of centric occlusion and centric relation
2. Christensen phenomenon
3. Prosthetic relevance of Christensen phenomenon
4. Function of the teeth.
5. Reasons for tooth loss, their effect on treatment planning
6. Importance and forms of dental documentation
7. Prosthetic device as a tool for oral rehabilitation and prevention
8. Prosthetic device as a harmful tool
9. General requirements regarding prosthetic devices.
10. Theories of artificial occlusal surfaces
11. Rest position, freeway space
12. Possibilities for abutment completion
13. Methods for taking precisional situational impression
14. Muscles of mastication, mimetic muscles
15. Chewing patterns. Condylar and anterior guidance
16. Occlusal plane, occlusal curves, Balkwill angle
17. Masticatory system and its parts
18. Visual shade selection and digital shade measurement devices
19. Adjustable articulators and the face-bow
20. Intercuspal contact position, retruded contact position, Posselt's diagram
21. Simple hinge and average value articulators
22. Laboratory CAD/CAM technology
23. Definition and localization of retention
24. Static aspects of bridges with two or more abutments
25. Definition and types of impression
26. Definition and localization of support
27. Immediate and long-term consequences of tooth loss
28. Modern materials for monolithic restorations
29. Parallelometer (dental surveyor) and milling technique
30. Gingival retraction methods

Questions about partial dentures

1. Importance and methods for protecting prepared teeth
2. General rules of tooth preparation
3. Types and fabrication of post and core
4. Parts of bridgework
5. Aspects of pontic design
6. Static aspects of pontic planning
7. Definition and characteristics of crowns and bridges
8. Types of crowns and their evaluation
9. Types of crowns and their use
10. Role of artificial gingiva and artificial teeth Design and selection aspects
11. Definition of removable partial denture, parts of RPD
12. Different ways for repairing RPD. Step by step procedures
13. Tooth preparation methods for full crowns
14. Obligatory and facultative tasks of the saddle as part of the baseplate
15. Obligatory and facultative tasks of occlusal rest as part of the baseplate
16. Obligatory and facultative tasks of major connector as part of the baseplate
17. Types and general planning aspects of major connector
18. Main types of clasps and their evaluation
19. Types and fabrication of full coverage crowns
20. Rigid clasp systems
21. Grouping of hidden attachment elements
22. Hidden attachment elements: keyway (slide) systems
23. Hidden attachment elements: magnetic systems, bolt and latch systems
24. Hidden attachment elements: bar systems
25. Hidden attachment elements: button systems, ball-socket systems
26. Removal of fixed prosthetic devices
27. Repairing methods for fixed prosthetic devices
28. Special bridgeworks
29. Telescope systems
30. Types of full ceramic restorations and their fabrication

Questions about complete dentures

1. Buccinator (buccal) space
2. Consequences of failure in CO determination, its outcome on trial dentures
3. Determination of horizontal dimension of centric occlusion. Diagnosis and treatment plan of the edentulous patient.
4. Determination of vertical dimension of centric occlusion (OVD)
5. Purpose of foiling, areas to foil on lower and upper jaw
6. General principles for setting up front teeth
7. Lingual pouch
8. Sagittal reduction of artificial occlusal surfaces, stop line, importance of transversal reduction on artificial occlusal surfaces
9. Evaluation and try in of the trial denture
10. General principles for setting up premolar and molar teeth. Basic rules regarding artificial occlusal surface, its relation to the alveolar ridge
11. Retromolar area, tuberculum alveolare mandibulae
12. Floor of the mouth
13. Comparison of conventional approach and acrylic baseplate method for fabrication of lower complete denture
14. Physical factors ensuring stability for lower and upper complete denture
15. Additional stabilizing methods for lower and upper complete dentures
16. Clinical anatomical factors ensuring stability for lower and upper complete dentures
17. Characteristics and consequences of complete edentulousness
18. Roles and types of complete denture's baseplate
19. Definition of complete denture, its roles and parts
20. Conventional and complex functional approach for complete denture
21. Role of artificial gingiva and artificial teeth in complete dentures
22. Follow-up care of complete denture patients. Types and indications of relining
23. Maxillary tuberosity, hamular notch
24. Alveolar ridge shapes and their prosthetic value
25. Requirements regarding lower and upper special tray
26. Methods for taking lower functional (secondary) impression based on the impression material
27. Medical history taking, intraoral examination, prognosis, study impression, registration of habitual bite form
28. Features of anatomical (primary) impression, impression materials used, anatomical (primary) impression taking
29. Immediate complete denture, clinical and laboratory steps of fabrication
30. Methods for taking upper functional (secondary) impression based on the impression material