Questions to the State Examination – Oral and Maxillofacial Surgery (modif. 27.7.2016):

1/ a. Injection analgesia on the foramen mandibulae, definition. Technique, direct and indirect methods, extent of the anaesthesia, complications.
   b. Trismus – causes, types, main principles of the therapy.
   c. Neck dissections - definition, indications, division by the regions.

2/ a. Distraction osteogenesis, principles, indications and examples.
   b. Dentogenic inflammation of the submandibular space (the anatomy, symptoms and signs, causes, modes of the therapy).
   c. Osteosynthesis – indications, techniques, types.

   b. Benign tumors of the mouth and jaws – the characteristic, types by the origin tissue, diagnosis and the therapy.
   c. Classification of mandibular fractures, their symptoms, signs and X-ray picture.

   b. Carcinoma of the lip – clinical picture, early diagnosis, the histopathology, treatment.
   c. Healing of the maxillofacial fractures and its failures.

5/ a. Radicular cysts of the jaws – pathology, clinical picture and the therapy.
   b. Tumours of paranasal sinuses. Carcinoma of the maxillary sinus – an early diagnosis and therapy.
   c. Temporary fixation of the maxillofacial fractures – basic types and technique of performance.

6/ a. Dentigerous cysts of the jaws – pathology, clinical picture and the therapy.
   b. Complications of radiotherapy and chemotherapy in orofacial oncology, their prevention and treatment (including bisphosphonate necrosis)
   c. Luxation of the mandible – diagnosis and the therapy.

7/ a. Cysts of soft tissues in the orofacial region.
   b. Acute osteomyelitis of the mandible – diagnosis, clinical course and principles of the therapy.
   c. Symptoms and signs of midfacial fractures.

8/ a. Maxillary sinusitis – origin, diagnosis and the therapy.
   b. Sialoadenitis – causes, diagnosis and the therapy.
   c. Reduction of the fractured jaws – closed and open modes.

   b. Odontogenic tumours – origin, diagnosis and the therapy.
   c. Definitive fixation of the maxillofacial fractures – splints and their insertion.

   b. Diseases of the lymph nodes – inflammations (nonspecific and specific) and tumours (primary and secondary).
   c. Division and classification of the midfacial fractures.

   c. First aid in patients with maxillofacial injuries.

12/a. Difficult eruption of the wisdom tooth – acute and chronic forms, the conservative and surgical treatment.
   b. Osteomyelits of the jaws in childhood – signs, treatment and consequences.
   c. Symptoms and signs of the maxillofacial fractures (main and accessory).

13/a. Possibilities of orthodontic extrusion of impacted canine, indications, technique.
   b. Specific inflammations in the orofacial region – diagnosis and the therapy.
   c. Luxation (avulsion) and subluxation of the teeth. Diagnosis and the treatment.
14/a. Surgical extraction – indications, technique, complications.
   b. Microgeny (mandibular retrusion) and laterogeny. Clinical picture and possibilities of treatment
   c. Maxillofacial injuries in childhood – signs, treatment and the consequences.

15/a. Physical and chemical injuries of the face – causes, their management.
   b. Principles in cooperation of orthodontist and maxillofacial surgeon by treatment of jaw anomalies.
   c. Tooth in the fracture line.

16/a. Pathologic communication within oral cavity and maxillary sinus and the nasal cavity (origin, diagnosis and the management).
   b. Open bite (apertognathia) – causes, diagnosis and the therapy.

   b. Subperiostal abscess on the anterior wall of the maxilla.

   c. Fractures of alveolar processes of the jaws and paranasal sinuses.

19/a. Complications during and after the tooth extraction, local and general.
   c. Possibilities of reconstruction in large defects of maxillofacial region – indications, principles.

20/a. Operation technique by the apicectomy.
   c. Pathologic fractures of the mandible – causes, principles of the therapy.

21/a. Nonodontogenic bone cysts.
   c. Dental implants – types, indications.

   b. Salivary gland tumours – diagnosis and the therapy.
   c. Dislocation in the maxillofacial fractures.

23/a. Apicetomy - indications and contraindications, technique of the operation.
   b. Sialolithiasis – aetiology, symptoms and signs, the therapy.
   c. Keeping free airways in maxillofacial trauma, tracheotomy.

24/a. Diagnosis and operations of a cyst in the maxillary sinus.
   b. Preprosthetic surgery – operations on soft and hard tissues of the jaws.
   c. Nutrition of patients with the maxillofacial injuries, care of injured patient generally.

25/a. Accidents during injection analgesia, principles of the first aid.
   c. Midfacial fractures – signs, principles of the fixation.

26/a. Alveoloplasty (egalisation) – types, technique.
   b. Sarcomas of the orofacial region – diagnosis, features of the growth, therapy.

   c. Fractures of zygoma and the zygomatic arch. Mechanisms of the injuries, signs and the therapy.

   b. General principles of treatment of malignant tumours in the orofacial oncology.
   c. Preprosthetic surgery of the mandible. Indications, main surgical techniques.

30/a. Asymptomatic third molar, characteristics, indications of extraction.
   b. Principles of prevention in the orofacial oncology.
   c. Maxillofacial fractures in edentulous patients, especially atrophic mandible – signs, types of fixation.

   c. Intermaxillary (maxillo-mandibular) fixation – definition, technique and indications.

   b. Precancers of the orofacial region – carcinoma in situ, characteristics, principles of treatment, follow up.
   c. Epulis – pathology, diagnosis and the therapy.

33/a. Retromarginal fractures of the orbit (blow-out fractures).
   b. Principles of treatment in the orthognathic anomalies.
   c. General complications of the maxillofacial injuries.