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FCMFOS(SA) Final

THE COLLEGES OF MEDICINE OF SOUTH AFRICA

Incorporated Association not for gain Reg No 1955/000003/08

Final Examination for the Fellowship of the College of Maxillo-Facial and Oral Surgeons of South Africa

3 March 2017

Paper 2 Orthognathic and Cleft Palate Surgery, Diseases of the TMJ, Dental Alveolar (3 hours) Surgery and Implantology

All questions are to be answered. Each question to be answered in a separate book (or books if more than one is required for the one answer)

- 1.1 Classify fascial spaces of the head and neck region.
- 1.2 Discuss odontogenic infections involving the submandibular region under the following
 - a) Microbiology of odontogenic infections.
 - b) Spread of infection.
 - c) Clinical features.
 - d) Investigations.
 - e) Management of odontogenic infections.

a) The Maxillofacial and Oral Surgeon is often asked to assist with the management of craniofacial synostoses with midface hypoplasia. Examples of such conditions are Apert syndrome, Crouzon syndrome, Pfeiffer syndrome and other. Discuss briefly only the principles of management of these syndromes and a rationale for each treatment phase during the patient's lifetime.

b) Discuss briefly Eagle Syndrome with special reference to the definition, diagnosis and management.
(5)

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- 3 a) You have just performed a bilateral sagittal split osteotomy and following removal of the maxillo-mandibular fixation a malocclusion develops. Discuss how you would diagnose the cause of the malocclusion and how you would correct the malocclusion. (15)
 - b) Discuss the controversy regarding the role of diskal position in temporo-mandibular dysfunction using relevant references to support your view. (10)

[25]

- 4 Discuss the controversies in the diagnosis and management of clinically negative neck in oral squamous cell carcinoma. [25]
- 5 Current treatment modalities for maxillary bone replacement have varying morbidity and success rates following tooth loss, gunshot injury and tumour resection of the maxilla. Discuss current protocols for the rehabilitation and reconstruction of the resorbed or resected maxilla, with reference to
 - a) Bone augmentation and grafting procedures.
 - b) Discuss briefly the concept of vascularised free tissue transfer in maxillo-facial reconstructive surgery. (10)

[25]

(15)

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6 The floor of the orbit, superior and inferior orbital fissures are strategic, anatomical sites relevant to trauma to the region. Discuss this statement with reference to signs, symptoms and syndromes following orbital trauma with involvement of the stated anatomical sites. [25]