



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

22 February 2019

Paper 2

Maxillofacial and Oral Surgery

(3 hours)

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

- 1 a) Maxillofacial injuries can present with signs and symptoms of cranial nerve involvement. Correlate the cranial nerve involvement with signs and symptoms present in patients with the Orbital Apex Syndrome. (10)
b) The management of the fractured atrophic mandible can present challenges to even the most seasoned of surgeons. Discuss the management options for treating the fractured atrophic mandible. (15)
[25]
- 2 A 57-year-old female is referred to you with an edentulous atrophic maxilla and a partially dentate mandible with a failed implant in the 46 area. She requests an implant supported prosthesis in the maxilla and to assist with the management of the failed mandibular implant.
a) Discuss the management options for the atrophic maxilla. (15)
b) List the management of a failed dental implant. (10)
[25]
- 3 Binder syndrome (naso-maxillary dysostosis / naso-maxillary-acro-dysostosis) is an abnormality frequently undiagnosed. Explain this condition with respect to clinical features, signs and symptoms, as well as management approach. [25]
- 4 Discuss orofacial pains under the following headings:
a) Classification of orofacial pains. (5)
b) Clinical presentation of orofacial pains. (5)
c) A comprehensive stepwise management plan for orofacial pains (15)
[25]
- 5 A 14-year-old boy returned with limited mouth opening (3 mm interincisal mouth opening) 6 years after temporo-mandibular joint (TMJ) gap arthroplasty and reconstruction with costochondral graft was undertaken to correct post-traumatic TMJ ankyloses.
a) What is the differential diagnosis and the reasons for its occurrence? (5)
b) Critically appraise the various treatment options for this patient. (20)
[25]
- 6 Discuss the physiologic consequences of Orthognathic Surgery. [25]