



## THE COLLEGES OF MEDICINE OF SOUTH AFRICA

Incorporated Association not for gain  
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Final Examination for the Fellowship of the  
College of Maxillo-Facial and Oral Surgeons of South Africa

29 January 2021

Paper 2

(3 hours)

*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 answer)*

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- 1 Discuss necrotizing fasciitis under the following headings
- a) Definition. (2)
  - b) Etiology and Risk factors. (5)
  - c) Pathogenesis. (3)
  - d) Clinical appearance. (5)
  - e) Management. (10)
- [25]
- 2 a) SARS C0V2 infection in the current COVID-19 pandemic invariably carries a high risk in the maxillofacial and oral surgery setting due to the area specificity as well as exposure to saliva, blood and mucous secretions
- i) Discuss current recommended protocols that you need to adhere to and consider when an asymptomatic COVID positive patient presents to you for an oral surgical procedure. (6)
  - ii) The patient informs you that he has ischaemic heart disease and he is on Plavix (Clopidogrel). What current guidelines would you consider in working up and managing the patient with regards to his anticoagulant therapy? (4)
- b) A-32-year-old female presents to you with missing 12/11/21/22 following a history of trauma. On examination there is loss of alveolar bone height and width as well as a soft tissue deficiency. She requests dental implants in this area
- i) What bone grafting opinions will you consider in this deficiency anterior maxilla? (7)
  - iii) Briefly discuss the principles of guided bone regeneration and the placement of implants in this anterior aesthetic zone. (5)
  - iii) How many implants will you consider placing? Why? (3)
- [25]
- 3 a) Compare and contrast nociceptive and non-nociceptive pain. (5)
- b) Briefly discuss the roles of a multidisciplinary team in management of osteoarthritis of the temporomandibular joint (TMJ). (20)
- [25]

- 4 Write short notes on
- a) The “bad split” in the Sagittal Ramus Osteotomy with special reference to its prevention and management. (9)
  - b) Distraction osteogenesis in orthognathic surgery. (8)
  - c) Manipulation of the maxilla-mandibular complex in dento-facial deformities. (8)
- [25]
- 5
- a) Discuss your approach to a 2-3 cm oronasal opening. (8)
  - b) Write short notes on oral submucosal clefts. (5)
  - c) Write short notes on Crouzon Syndrome. (7)
  - d) Write short notes on ear reconstruction in Hemifacial Microsomia. (5)
- [25]
- 6 Maxillo-Facial and Oral Surgeons are required to understand and manage traumatic injuries to the orbit. Discuss the following concepts in this regard
- a) Visual impairment following traumatic orbital injuries. (5)
  - b) Diplopia resulting from traumatic orbital injuries. (5)
  - c) The anatomic basis for post-traumatic enophthalmos. (5)
  - d) Management of post-traumatic enophthalmos. (10)
- [25]