



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 Pathologists of South Africa - Oral

Paper 1

19 March 2015

(3 hours)

All questions are to be answered.

Please answer Questions 1 – 5 in one book.

- 1 Explain the diagnostic approach and management of neck lymph node metastases from an unknown primary. [10]
- 2 Provide an update on osteochemonecrosis of the jaws with emphasis on the aetiopathogenesis. [10]
- 3 Describe the clinical and histological features of metabolic bone diseases in the jaws. [10]
- 4 Discuss amyloidosis of the tongue. [10]
- 5 Briefly describe the diverse histopathological spectrum of oral Kaposi sarcoma. [10]

Please answer Questions 6 – 10 in one book.

- 6 Write short notes on
 - a) Riga-Fede disease. (5)
 - b) Regional odontodysplasia. (5)[10]
- 7 Discuss
 - a) The histopathological criteria for the diagnosis of IgG4 sclerosing disease. (5)
 - b) The pitfalls of the TNM staging. (5)[10]
- 8 Using examples, give a brief critical appraisal of hybrid odontogenic tumours. [10]
- 9 Other than the keratocystic odontogenic tumour, give a clinico-pathologic overview of keratin production odontogenic tumours with special reference to the significance of keratin, especially in the histologic differential diagnosis. [10]
- 10 The presence of lichenoid inflammation in an oral mucosal biopsy usually suggests a distinct range of diagnostic possibilities. Discuss the histological differential diagnosis. [10]



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Part II Examination for the Fellowship of the College of Pathologists of South Africa - Oral

Paper 2

20 March 2015

(3 hours)

All questions are to be answered.

Please answer Questions 1 – 5 in one book.

- 1 Describe the role of Epstein –Barr Virus in epithelial malignancies of the head and neck. [10]
- 2 Discuss the different HPV testing strategies on oral samples. [10]
- 3 Briefly discuss the rationale of targeting the EGFR and PI3K/AKT/mTOR pathways in the treatment of squamous cell carcinoma of the head and neck. [10]
- 4 Discuss the currently known molecular and genetic aspects of odontogenic tumours. [10]
- 5 Briefly address the current controversy that exists on the WHO classification / nomenclature of salivary duct carcinomas and salivary/odontogenic clear cell carcinomas. [10]

Please answer Questions 6 – 10 in one book.

- 6 Briefly outline the methodology and discuss the application of Tissue Micro Array (TMA) technology in molecular and clinical research of head and neck squamous cell carcinoma. [10]
- 7 Identify the “new” salivary gland diagnostic entities and discuss their merits for incorporation into the next WHO classification of salivary gland tumours. [10]
- 8 Briefly describe and discuss the value of the application of the Risk Model (Brandwein et al) for histological prognostication and staging of oral cavity squamous cell carcinoma. [10]
- 9 Discuss the use of histochemistry and immunohistochemistry in the diagnostic algorithmic approach to clear cell salivary gland tumours. [10]
- 10 Discuss the value of Keratins 7 and 20 in diagnostic surgical pathology. [10]