

**POSTGRADUATE INSTITUTE OF MEDICINE**  
**UNIVERSITY OF COLOMBO**

**MD (ORAL & MAXILLOFACIAL SURGERY) EXAMINATION**  
**OCTOBER 2022**

**PAPER I**

**Date:-** 10<sup>th</sup> October 2022

**Time:-** 1.00 p.m. – 4.00 p.m.

**Answer all four (04) questions.**

**Each question to be answered in a separate book.**

1. Discuss how would you maximize the treatment outcome and ensure the safety of a 20-year-old patient who is to undergo Le-Fort 1 and sagittal split osteotomy simultaneously for a non-syndromic facial deformity.
2. Write an account on deep fungal infections of the head and neck region with special emphasis on Mucormycosis.
3. State one (01) clinical condition for each of the following classic radiological appearances and briefly outline the management of each.
  - 3.1. Honeycomb
  - 3.2. Onion peel
  - 3.3. Pepper pot
  - 3.4. Ground glass
  - 3.5. Sunray
  - 3.6. Hair on end
  - 3.7. Snowstorm
  - 3.8. Grasping finger
  - 3.9. Cannon ball
  - 3.10. Moth eaten
4. A 50-year-old woman with squamous cell carcinoma of the posterior third of the tongue is awaiting surgery. She is a chronic betel chewer and weighs 38 kg.
  - 4.1. State briefly the importance of nutrition in major surgery.
  - 4.2. How would you assess her nutritional status?
  - 4.3. Describe the method used to provide enteral feeding in a patient who cannot swallow.

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**PAPER II**

**Date:- 11<sup>th</sup> October 2022**

**Time:- 9.00 a.m. – 12.00 noon**

**Answer all four (04) questions.**

**Each question to be answered in a separate book.**

1. Write an account on “oro-facial vesiculo-bullous diseases of viral origin”.
2. Discuss the histopathological prognostic indicators of oral squamous cell carcinoma.
3. Discuss the “surgery first approach” in the management of patients with dento-facial deformities.
4. A 68-year-old man became breathless on the first post operative day following a cervical block dissection. He had been a heavy cigarette smoker in the past and has multiple co-morbidities which have been evaluated and optimized pre-operatively. He is currently on following medications: biphasic insulin, metformin, aspirin, atorvastatin, losartan and three metered dose inhalers (tiotropium, salbutamol, combined salmeterol and fluticasone).
  - 4.1. List three (03) possible causes for the acute breathlessness.
  - 4.2. Describe how you would clinically differentiate between the three (03) causes listed 4.1.
  - 4.3. Describe the management of this patient during the first 6 hours.