



CMSA

The Colleges of Medicine of South Africa NPC

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**JOHANNESBURG
ACADEMIC OFFICE**

BLUE PRINT FOR FCMFOS(SA) / DIP ORAL SURG(SA) – ANATOMY EXAMINATION:

1.0 HEAD (± 42%)

- 1.1 Surface anatomy; osteology of calvaria, especially base of skull and temporal region; upper mid and lower face, orbit, nasal cavity; mandible; individual bones of the skull
- 1.2 The scalp; temporomandibular articulation; muscles of mastication, facial expression, of tongue, of palate; contents of orbit; nasal cavity and paranasal air sinuses; pterygopalatine fossa, infratemporal fossa; structures of the oral cavity: lips, cheeks, tongue, floor of mouth, palate, teeth, gingivae; salivary glands; ear, external and middle; oropharynx; blood vessels and nerves; blood and nerve supplies, lymphatic drainage, relations, variations
- 1.3 Neurocranial contents; brain stem; cranial nerves; major intracranial vessels and sinuses
- 1.4 Radiology anatomy of head

2.0 NECK (± 12%)

- 2.1 Surface anatomy; osteology of cervical vertebrae, hyoid; muscles; triangles of the neck, and contents; larynx and trachea; laryngopharynx and upper oesophagus; thyroid and parathyroid; blood vessels and nerves; blood and nerve supplies, lymphatic drainage, relations; radiological anatomy

3.0 THORAX (± 15%)

- 3.1 Surface anatomy; thoracic wall; diaphragm, intercostal muscles and accessory muscles of respiration; trachea, lungs, pleural cavities; mediastinum including heart and great vessels, oesophagus; blood and nerve supplies, lymphatic drainage, relations; radiological anatomy

4.0 ABDOMEN & PELVIS (± 5%)

- 4.1 Abdominal wall, abdominal and pelvic organs as well as vessels and nerves; osteology and radiological anatomy of the spine and pelvis

5.0 LOWER LEG & FOREARM (± 5%)

- 5.1 Osteology, Blood supply, Nerve supply

6.0 EMBRYOLOGY ($\pm 10\%$)

6.1 General knowledge:

- Early embryological events; cardiovascular system; respiratory system; gastrointestinal system

6.2 Detailed knowledge:

- Development of pharyngeal (branchial) arches; pharyngeal arch derivatives; development of pharyngeal pouches; middle ear; tonsil thymus; parathyroid, ultimobranchial body; other pharyngeal derivatives especially thyroid; development of face, jaws, oral and nasal cavities and paranasal sinuses, tongue and palate, salivary glands, pharynx; development of blood and nerve supplies and muscles of the face of mastication and of the tongue; development of teeth; tooth eruption; osteogenesis; development of temporomandibular joint; development of cranium and the abnormalities

7.0 HISTOLOGY ($\pm 11\%$)

7.1 General knowledge:

- Primary tissues: epithelia, connective tissues and blood, nerve tissue, muscle; skin; cardiovascular system; respiratory tract; endocrine system (especially thyroid, parathyroid, pituitary); tooth: enamel, cementum, dentine, pulp, alveolar bone

7.2 Detailed knowledge:

- Cheeks, lips, tongue, floor of mouth, palate; salivary glands; cartilage, bone sutures; striated muscle

	GOOD CLINICAL CARE							GOOD CLINICAL PRACTICE						
	Assessment			Management - Investigation & Treatment				Contact with patients						
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Promoting health and knowledge of disease factors	History	Exam	Diagnosis	Acute	Chronic	Palliative (curative?)	Emergency	Communication	Relationship with patients	Relationship with colleagues	Patient safety and risk management	Maintaining good medical practice - keeping up to date	Teaching and training	Professionalism inc probity, practising ethically and medico-legally
	4	8	40					2		4		4		2
	12	30	100					8		16		16		8
	2	4	20					1		2		2		2
	4	10	25					2		4		4		2
	8	16	36					4		8		8		4
	9	17	34					4		8		8		4
	2	4	16					2		4		4		2
	2	4	16					2		4		4		2
	2	2	4					1		2		2		1
	5	12	25					2		5		5		2
	3	6	16					1		3		3		1
	4	10	18					2		4		4		1
	57	123	350					31		64		64		31
														720