

ITS DENTAL COLLEGE, HOSPITAL AND RESEARCH CENTRE
GREATER NOIDA

II Internal Assessment - May 2008
Department Of Anatomy

- Instructions:** 1. All questions are compulsory.
2. Draw well labelled diagrams with coloured pencils of appropriate colour wherever required.
3. **USE SEPARATE ANSWER SHEETS FOR PART I AND PART II OF QUESTION PAPER.**

Part I

- Q1. Describe the muscles of tongue with their actions, innervation. Mention sensory nerve supply of tongue. On the basis of embryology of tongue explain the sensory and motor innervation. 9
- Q2. Write briefly on :
a) Innervation and action(s) of following muscles mention the joints on which they act. 2.5 x 3
i) Temporalis
ii) Medial pterygoideus
iii) Sternomastoid
- Q3. i) Arterial blood supply Stomach 3
ii) Arterial blood supply Pancreas 3
iii) Venous drainage of heart 2.5

Part II

- Q4. Describe histology, blood supply and development of thyroid gland. 9
- Q5. Write short notes on :
i) Cranial nerve nuclei and major sensory and motor tracts at the level of lower part of pons. 5
ii) Arterial blood supply of cerebral hemispheres 3
iii) Intramembranous ossification of bone 2
- Q.6 Draw diagrams of :
i) Structures at the hilum of left lung 2
ii) Histology of appendix 2
iii) Histology of submandibular salivary gland 2

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ITS Dental College Hospital & Research Centre
47, Knowledge Park III, Greater Noida

ITS DENTAL COLLEGE, HOSPITAL AND RESEARCH CENTRE
GREATER NOIDA

III Internal Assessment 19th August 2008
Department Of Anatomy
ANATOMY THEORY

Time 3 hours

M. Marks 50

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2. Draw well labelled diagrams with coloured pencils of appropriate colour wherever required.
3. **USE SEPARATE ANSWER SHEETS FOR PART I AND PART II OF QUESTION PAPER.**

Part I

- Q1. Describe attachments, innervation and actions of all the muscles of mastication. (3,3,3)
- Q2. A) Mention the course and branches of lingual nerve.
B) Write in brief about development of tongue.
C) Explain why the tip of tongue deviates to the side of the lesion when its motor nerve supply is cut. (4,3,3)
- Q3. Draw labelled diagrams of:
i) Relations of parotid gland. 2
ii) Arterial blood supply of a growing long bone. 2
iii) Coronary sinus and its tributaries 2

Part II

- Q4. a) Name the arteries which supply face. Describe their source and distribution on face. 6
- Q5. Write short notes on :
i) Histology of suprarenal gland
ii) Histological features of liver
iii) Histology of lymph node.
iv) Internal capsule of brain (3 x 4)
- Q.6 i) What are the cranial nerve nuclei and other major nuclei at the level of the upper part of medulla oblongata? Mention their functional components. 3
ii) Write about the major functional areas on the supero lateral surface of left cerebral hemisphere. Show their location in a diagram. 2
iii) What are arches of foot. Write their applied importance. 2

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