

MP 211

APRIL 1997

M.S. DEGREE EXAMINATION

Branch V - Anatomy

(Revised Regulations)

PaperIII - HISTOLOGY, NEURO-ANATOMY AND  
MUSEUM TECHNIQUES

Time: Three hours

Max.marks:100

Answer All Questions

1. Describe the nuclei of Oculomotor nerve indicating their functions. Describe the nerve's course and distribution. (25)
2. Discuss the histological structure of liver in relation to its function.
3. Write briefly on:
  - (a) Hydrocephalus
  - (b) Organ of Corti
  - (c) Microtubules and microfilaments
  - (d) Silver impregnation methods
  - (e) Neuro transmitters.

(5x10=50)

**[SM 224]      OCTOBER 1998**

**M.S. DEGREE EXAMINATION.**

**Branch V — Anatomy**

**(Revised Regulations)**

**Paper III — HISTOLOGY, NEUROANATOMY AND  
MUSEUM TECHNIQUES**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

1. Describe the microanatomy of thymus correlating it with functional requirement. (25)
2. Describe the Nuclei of Cerebellum and their connections. (25)
3. Write briefly on : (5 × 10 = 50)
  - (a) Fornix.
  - (b) Ventriculography.
  - (c) Barr body.
  - (d) Nissl substance.
  - (e) Histology of Duodenum.

**OCTOBER 1999**

**[KA 224]**

**Sub. Code : 2081**

**M.S. DEGREE EXAMINATION**

(Revised Regulations)

Branch V — Anatomy

**Paper III — HISTOLOGY, NEURO-ANATOMY AND  
MUSEUM TECHNIQUES**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Describe the Histology of the Thyroid gland and the Parathyroid gland, correlating with their functional requirements. (25)
2. Describe the Nuclei of the Hypothalamus and their functions. (25)
3. Write briefly on : (5 × 10 = 50)
  - (a) Third ventricle
  - (b) Corpus Callosum
  - (c) Bowins fluid
  - (d) Histology of the Prostate
  - (e) Staining Technique of a Paraffin section.

[KB 224] APRIL 2000 Sub. Code : 2237

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch V — Anatomy

Paper III — HISTOLOGY NEUROANATOMY AND  
MUSEUM TECHNIQUES

Time : Three hours Maximum : 100 marks

Answer ALL questions

1. Name the Nuclei of thalamus and discuss their connections. (25)
2. Discuss the microscopic structure of alimentary canal, correlating the structure with function. (25)
3. Write briefly on : (5 × 10 = 50)
  - (a) Histology of pancreas
  - (b) Microscopic and ultramicroscopic structure of collagen
  - (c) Lateral Lemniscus
  - (d) Corpus striatum
  - (e) Cerebellar peduncles

[KC 224] **OCTOBER 2000**

Sub. Code : 2237

M.S. DEGREE EXAMINATION.

Branch V — Anatomy

(Revised Regulations)

Paper III — HISTOLOGY, NEUROANATOMY AND  
MUSEUM TECHNIQUES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the hypothalamus. What is its function?  
(25)
2. Give a detailed account of structures and functional organization of "The Cell".  
(25)
3. Write briefly on : (5 × 10 = 50)
  - (a) Microtubules and microfilaments.
  - (b) Phase contrast microscopy.
  - (c) Superior colliculi.
  - (d) Nucleus ambiguous.
  - (e) Laminar pattern in the spinal cord.