

26/05/2022

Printed page (s): 1

Paper Code: MD-011

Enrollment No.

--	--	--	--	--	--	--	--	--	--

**M.D. Anatomy
EXAMINATION, May 2022**

Paper First

Gross Anatomy

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

1. Describe the arches of foot in detail with a special note on walking cycle. [10]
2. Describe pharynx in detail with a special note on deglutition. [10]
3. Blood supply of heart [10]
4. Hepatic segments in relation with liver transplant [10]
5. Lymphatic drainage of mammary gland [10]
6. Superficial and deep perineal pouches [10]
7. Facial spaces of head and neck [10]
8. Ligaments and applied aspects of knee joint [10]
9. Bronchopulmonary segments [10]
10. Movements of shoulder joint [10]

28/05/2022

Printed page (s): 1

Paper Code: MD-012

Enrollment No.

--	--	--	--	--	--	--	--	--	--

**M.D. Anatomy
EXAMINATION, May 2022**

Paper Second

Embryology, Microscopic Anatomy & Genetics

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw labeled diagrams and flow charts wherever required.

1. Describe the histology of liver and correlate the structure with functions. [10
2. Describe the development of kidney. Add a note on the congenital anomalies associated with it. [10
3. Describe the anomalies of placenta. [10
4. Microanatomy of cerebellar cortex [10
5. Prenatal diagnosis [10
6. Enumerate histological differences between Thymus, Spleen, Tonsil and Lymph node [10
7. Steps of tissue preparation [10
8. Interventricular and interatrial septal defect [10
9. Development of ear [10
10. Development of neural tube along with a note on neural crest cells [10

30/05/2022

Printed page (s): 1

Paper Code: MD-013

Enrollment No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**M.D. Anatomy
EXAMINATION, May 2022**

**Paper Third
Neuroanatomy**

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

1. Describe the deep cerebellar nuclei and their connections along with features of cerebellar dysfunction. [10]
2. Describe the optic pathway in detail. Add a note on the effects of lesions at its different levels. [10]
3. Describe the internal capsule under the following headings:
 - a. Parts & relations [3]
 - b. Fibres passing through different parts [3]
 - c. Blood supply [2]
 - d. Applied anatomy [2]
4. Reticular formation [10]
5. Cross section of midbrain at the level of the superior colliculus [10]
6. Third ventricle [10]
7. Fornix [10]
8. Disorders of basal ganglia [10]
9. Medial-Longitudinal Fasciculus [10]
10. Limbic system [10]

01/06/2022

Printed page (s): 1

Paper Code: MD-014

Enrollment No.

--	--	--	--	--	--	--	--	--	--

**M.D. Anatomy
EXAMINATION, May 2022**

Paper Fourth

Applied Human Anatomy and recent advances in Anatomical Sciences

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams & flow charts wherever necessary.

1. Describe the recent advances in radiological imaging techniques with a special note on PET. [10]
2. Describe chromosomal anomalies in detail. [10]
3. Sympathetic chain and its applied aspects [10]
4. Developmental anomalies of the heart [10]
5. Karyotyping [10]
6. FISH [10]
7. Hox gene [10]
8. Lesions of radial nerve at various levels [10]
9. PCR [10]
10. Post natal changes in fetal circulation [10]
