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MANIPAL ACADEMY OF HIGHER EDUCATION
(Deemed University)

MD (ANATOMY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER I: GROSS ANATOMY
Monday, July 04, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions.**
 - ✍ **All questions carry equal marks.**

1. Discuss the anatomy of middle ear and its function.
2. Discuss the arches of foot.
3. Write short notes on:
 - 3A. Movements of thorax.
 - 3B. Anastomosis.
 - 3C. Pericardium.



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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (ANATOMY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER II: EMBRYOLOGY, HISTOLOGY, MORPHOLOGY AND GENETICS

Tuesday, July 05, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.
 - ✍ All questions carry equal marks.

1. Discuss fertilization.
2. Discuss the histology of respiratory tract.
3. Write short notes on:
 - 3A. Karyotyping.
 - 3B. Cytoplasm.
 - 3C. Estimation of embryonic age.



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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (ANATOMY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER III: NEUROANATOMY

Wednesday, July 06, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions.**
✍ **All questions carry equal marks.**

1. Discuss all cranial nerve nuclei and their central connections.

2. Discuss functional areas of cerebral cortex and their clinical importance.

3. Write short notes on:
 - 3A. Lateral lemniscus.
 - 3B. Circle of Willis.
 - 3C. Epithalamus.



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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (ANATOMY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER IV: SURGICAL ANATOMY AND RECENT ADVANCES

Thursday, July 07, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.
 - ✍ All questions carry equal marks.

1. Discuss the surgical anatomy of fascial spaces of hand.

2. Discuss the surgical anatomy of coronary circulation.

3. Write short notes on:
 - 3A Carpal tunnel syndrome.
 - 3B. Wrist Drop.
 - 3C. Imaging and computerized visualization of brain.



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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (ANATOMY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER I: GROSS ANATOMY

Monday, December 05, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.
 - ✍ All questions carry equal marks.

1. Describe the anatomy of the pharynx. Add a note on deglutition.

2. Discuss the anatomical basis of the movements of inversion and eversion.

3. Write short notes on:
 - 3A. Nerve supply of the heart.
 - 3B. Pelvic diaphragm.
 - 3C. Radio ulnar joints.



Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (ANATOMY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER II: EMBRYOLOGY, HISTOLOGY, MORPHOLOGY AND GENETICS

Tuesday, December 06, 2005

Time: 3 Hrs.

Max. Marks: 100

- ✍ Answer all the questions.
- ✍ All questions carry equal marks.

1. Describe the formation of placenta. Discuss anomalies.

2. Compare microscopic structure of ovary and testis.

3. Write short notes on:
 - 3A. Development of upper lip.
 - 3B. Down's syndrome.
 - 3C. Mutation.



Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (ANATOMY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER III: NEUROANATOMY

Wednesday, December 07, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.
 - ✍ All questions carry equal marks.

1. Describe the basal ganglia. Elaborate on the functions and connections.

2. Describe the lateral ventricle in detail.

3. Write short notes on:
 - 3A. Visual pathway.
 - 3B. Circle of Willis.
 - 3C. Major ascending tracts of spinal cord.



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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (ANATOMY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER IV: SURGICAL ANATOMY AND RECENT ADVANCES

Thursday, December 08, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.
 - ✍ All questions carry equal marks.

1. Discuss the anatomical basis of nerve injuries in upper limb.
2. Describe pelvic fascia. Discuss surgical importance.
3. Write short notes on:
 - 3A. Computerized tomography.
 - 3B. Coronary bypass.
 - 3C. Surgical anatomy of scalp.