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HEALTH SCIENCES LIBRARY

## MANIPAL UNIVERSITY

MD (ANATOMY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER I: GROSS ANATOMY

Wednesday, April 01, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Describe the thoracic diaphragm.

(35 marks)

2. Describe the hinge joints in the body.

(35 marks)

3. Write short notes on:

3A. Pudendal nerve

3B. Pouch of Douglas

3C. Spermatic cord.

(10×3 = 30 marks)



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## MANIPAL UNIVERSITY

MD (ANATOMY) DEGREE EXAMINATION – APRIL 2009

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

Thursday, April 02, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Describe the microscopic anatomy of the lymphoid organs and their role in immunity.  
(35 marks)

2. Describe the development of Uterus and Vagina and their anomalies.  
(35 marks)

3. Write short notes on:

3A. Trisomy

3B. Decidua

3C. Endoplasmic reticulum

(10×3 = 30 marks)



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**MANIPAL UNIVERSITY**

**MD (ANATOMY) DEGREE EXAMINATION – APRIL 2009**

**SUBJECT: PAPER III: NEUROANATOMY**

Friday, April 03, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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✍ **Answer ALL the questions.**

1. Classify the white matter of the cerebrum. Describe in detail the commissural fibres.  
(35 marks)
  
2. Describe the thalamus.  
(35 marks)
  
3. **Write short notes on:**
  - 3A. Blood brain barrier
  - 3B. Great cerebral vein
  - 3C. Substantia nigra

(10×3 = 30 marks)



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## MANIPAL UNIVERSITY

MD (ANATOMY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER IV: SURGICAL ANATOMY AND RECENT ADVANCES

Saturday, April 04, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Describe the incisions carried out on the anterior abdominal wall.

(35 marks)

2. Describe the clinical importance of deep cervical fascia.

(35 marks)

3. Write short notes on:

3A. Surgical anatomy of the perineal pouches.

3B. Applied anatomy of the para nasal air sinuses.

3C. Ultrasonography.

(10×3 = 30 marks)

