[MBBS 0221] FEBRUARY 2021 **Sub.Code :6051**

M.B.B.S. DEGREE EXAMINATION
FIRST YEAR
PAPER I - HUMAN ANATOMY

Q.P. Code: 526051

Time: Three hours **Maximum : 100 Marks (80 Theory + 20MCQS)**

Answer All Questions

I. Essay: **(2 x 15 = 30)**

1. Describe Mammary gland under the following headings. Extent, Relations, Blood Supply, Lymphatic Drainage & Clinical Anatomy.

2. Discuss the Uterus under the following headings. Position, Parts, External Features, Relations, Blood Supply, Lymphatic Drainage & Clinical Anatomy.

II. Write notes on: **(10 x 5 = 50)**

1. Structures under cover of Gluteus Maximus.

2. Great Saphenous Vein.

3. Femoral Triangle.

4. Adductor Magnus.

5. Ligaments of Knee Joint.

6. Rectus Sheath.

7. Erbs Point.

8. Rotator Cuff Muscles.

9. Microstructure of Oesophagus.

10. Development of Pancreas.

[MBBS 0521] MAY 2021 **Sub.Code :6051**

M.B.B.S. DEGREE EXAMINATION
FIRST YEAR
PAPER I - HUMAN ANATOMY

Q.P. Code: 526051

Time: Three hours **Maximum : 100 Marks (80 Theory + 20MCQS)**

Answer All Questions

I. Essay: **(2 x 15 = 30)**

1. Describe Pancreas under the following headings.
   a) Parts and relations.
   b) Blood supply.
   c) Development.

2. Explain the formation of Lumbar Plexus. Add a brief note on Sciatic Nerve.

II. Write notes on: **(10 x 5 = 50)**

1. Microscopic anatomy of compact bone.
2. Cubital fossa.
3. Trigone of Bladder.
4. Axillary Nerve.
5. Coeliac Trunk.
6. Spermatic Cord.
7. Pelvic Diaphragm.
8. Anastomosis around knee joint.
9. Intrinsic muscles of hand.
10. Structures in lateral compartment of leg.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 0222] FEBRUARY 2022 **Sub.Code :6051**

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2019-2020)
FIRST YEAR
PAPER I - HUMAN ANATOMY

Q.P. Code: 526051

Time: Three hours **Maximum : 100 Marks (80 Theory + 20MCQs)**

Answer all the Questions

I. Essay: **(2 x 15 = 30)**

1. Describe the Formation, Parts, Relations, Branches and Tributaries of Portal Vein. Enumerate the sites of portosystemic anastomosis and Clinical Anatomy.
2. Discuss the type, articular surfaces, capsule, ligaments, bursae, relations, movements and muscles involved & Clinical Anatomy of Hip Joint.

II. Write Short notes on: **(10 x 5 = 50)**

1. Popliteal artery.
2. Cephalic vein.
3. Tibialis anterior.
4. Interior of Anal canal.
5. Development and descent of Testis.
6. Common bile duct.
7. Histology of elastic cartilage.
8. Axillary group of lymph nodes.
9. Ulnar nerve in hand.
10. Cubital anastamosis.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 0522] **MAY 2022** **Sub. Code : 6051**

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020)

FIRST YEAR – SUPPLEMENTARY (CBME)

PAPER I - HUMAN ANATOMY

Q.P. Code: 526051

Time: Three hours **Maximum : 100 Marks (80 Theory + 20MCQs)**

Answer all the Questions

I. Essay: **(2 x 15 = 30)**

1. Describe the duodenum under the following headings:
   Parts, Relations, Internal features of second part, Blood supply, Histology and Clinical Anatomy.

2. Discuss the Origin, Root value, Course and Relations, Termination, Branches and Distribution and Clinical Anatomy of Ulnar nerve.

II. Write Short notes on: **(10 x 5 = 50)**

1. Quadriceps femoris.

2. Profunda brachi artery.

3. Lymphatic drainage and nerve supply of stomach.

4. Cutaneous innervation of dorsum of foot.

5. Development of kidney.

6. Cartilaginous joints.

7. Ischioanal fossa.

8. Gluteus medius and anatomical basis of Trendelenburg's sign.

9. Elbow joint.

10. Common peroneal nerve.

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THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 0123] **JANUARY 2023** **Sub. Code: 6051**

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2019-2020)

FIRST YEAR – (CBME)

PAPER I - HUMAN ANATOMY

Q.P. Code: 526051

Time: Three hours **Maximum: 100 Marks (80 Theory + 20MCQs)**

Answer all the Questions

I. Essay: **(2 x 15 = 30)**

1. Describe the boundaries and contents of Axilla. Write the origin, course, relations, termination and branches of the axillary artery in detail.

2. Describe the uterus in detail under the following headings:
   a) Position and parts
   b) Peritoneal and visceral relations
   c) Supports
   d) Microstructure
   e) Development
   f) Clinical Anatomy.

II. Write Short notes on: **(10 x 5 = 50)**

1. Obturator nerve.
2. Fascial spaces of hand.
3. Right supra-renal gland.
4. Hamstring muscles.
5. Neurulation.
6. Inguinal canal.
7. Histology of liver.
8. Femoral triangle.
9. Intra-capsular ligaments of knee joint.
10. Erb's palsy.

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THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 0323] **MARCH 2023** **Sub. Code: 6051**

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2019-2020)

FIRST YEAR – SUPPLEMENTARY (CBME)

PAPER I - HUMAN ANATOMY

Q.P. Code: 526051

Time: Three hours **Maximum: 100 Marks (80 Theory + 20MCQs)**

Answer all the Questions

I. Essay: **(2 x 15 = 30)**

1. Describe the origin, course and relations, branches and distribution of median nerve. Add a note on the effect of injury of median nerve at the elbow.

2. Describe the urinary bladder under the following headings:
   a) Parts and relations
   b) Ligaments of the bladder
   c) Interior of the bladder
   d) Microstructure
   e) Development
   f) Applied Anatomy.

II. Write Short notes on: **(10 x 5 = 50)**

1. Superior mesenteric artery.
2. Cutaneous innervation of palm of the hand.
3. Gluteus maximus.
4. Midgut rotation with related anomalies.
5. Lymphatic drainage and blood supply of mammary gland.
6. Great saphenous vein.
7. Histology of testis.
8. Arches of foot.
9. Vermiform appendix.
10. Femoral hernia.

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THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 1123] **NOVEMBER 2023** **Sub. Code: 6051**

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2019-2020)

FIRST YEAR – (CBME)

PAPER I - HUMAN ANATOMY

Q.P. Code: 526051

Time: Three hours **Maximum: 100 Marks (80 Theory + 20MCQs)**

Answer all the Questions

I. Essay: **(2 x 15 = 30)**

1. A 45 year old male presented to OPD with inability to extend his left wrist since one day. On eliciting he gave history of sleeping with left arm hanging on armrest of a chair for few hours. He was diagnosed to have Saturday night palsy. Write the anatomical basis behind Saturday Night palsy. Describe root value, course, relations and branches of the structure involved. Add a note on its applied aspects.

2. A 40 year old alcoholic male patient complained of blood vomiting and passage of blood in stools. He was diagnosed to have Portal Hypertension. Describe formation, relations of portal vein and sites of Portosystemic anastomosis. Write the anatomical basis of Haemorrhoids and Haematemesis in Portal hypertension.

II. Write Short notes on: **(10 x 5 = 50)**

1. Amnion and Amniocentesis.
2. Micro anatomy of skeletal muscle.
3. Lymphatic drainage of Lower Limb.
4. Rotator cuff Muscles.
5. Flexor Retinaculum and Anatomical basis of carpal tunnel syndrome.
6. Adductor Canal.
7. Anatomical basis of Trendelenbergs sign.
8. Descent of Testis.
9. Cadaver ethics.
10. Spleen.

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THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 0124] **JANUARY 2024** **Sub. Code: 6051**

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2019-2020)

FIRST YEAR – SUPPLEMENTARY (CBME)

PAPER I - HUMAN ANATOMY

Q.P. Code: 526051

Time: Three hours **Maximum: 100 Marks (80 Theory + 20MCQs)**

Answer all the Questions

I. Essay: **(2 x 15 = 30)**

1. A 74 year old female presented to OPD with complaints of progressive right hip pain for past 2 years. On examination tenderness was elicited over anterior joint line on right hip. Range of motion was full with painful extension and abduction. Imaging study revealed right hip osteoarthritic degeneration. Describe type and articular surfaces, ligaments, relations, movements, muscles involved and nerve supply of Hip Joint.

2. A young executive man came to OPD with complaints of pain in epigastric region. On eliciting he gave history of stress and preference to eat spicy dishes. He was diagnosed to have Gastric ulcer. Describe the position, features, relations, blood supply and lymphatic drainage of Stomach. What is the Anatomical basis of pain in epigastric region?

II. Write Short notes on: **(10 x 5 = 50)**

1. Twinning.
2. Cadaver ethics.
3. Axillary lymph nodes and their areas of drainage.
4. Rectus sheath and its contents.
5. Anatomical basis of Wrist drop.
6. Extrahepatic Biliary apparatus.
7. Supination and Pronation.
8. Anatomical basis of varicose veins.
9. Ischiorectal fossa.
10. Microanatomy of Pancreas.

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