March 2009

[KU 164] **Sub. Code: 2059**

M.D. DEGREE EXAMINATION

BRANCH XVI – GERIATRICS

(Candidates admitted from 2004-05 to 2008-2009 onwards)

Paper I – ALLIED BASIC SCIENCES IN GERIATRICS

Q.P. Code : 202059

Time : Three hours **Maximum : 100 marks**

I. ANATOMY - Answer any FOUR questions. (4 x 5=20)

1. Anatomy of coronary arteries.
2. Basal ganglion.
3. Anatomy of parathyroid glands.
4. Fundus (eye).
5. Anatomy of Limbic system.

II. PHYSIOLOGY - Answer any FOUR questions. (4 x 5=20)

1. Renal function tests.
2. Frontal lobe functions.
3. Thermo-regulation.
4. Thyroid stimulating hormone.
5. Blood brain barrier.

III. BIOCHEMISTRY - Answer any THREE questions. (3 x 5=15)

1. Plasmapheresis.
2. Renal tubular acidosis.
3. Serum enzymes estimation in myocardial infarction.
4. Prothrombin time.

IV. PHARMACOLOGY - Answer any THREE questions. (3 x 5=15)

1. Newer antiepileptic drugs.
2. Lithium carbonate.
3. Anti platelet drugs.
4. Anti fungal agents.

V. MICROBIOLOGY - Answer any THREE questions. (3 x 5=15)

1. Investigation for leptospirosis.
2. Polymerase chain reaction.
3. Community acquired pneumonia.
4. Lepra reactions.

VI. PATHOLOGY - Answer any THREE questions. (3 x 5=15)

1. Diabetic nephropathy.
2. Acute infective endocarditis.
3. Emphysema.
4. Thrombocytopenia.

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March 2010

[KW 164] **Sub. Code: 2059**

M.D. DEGREE EXAMINATION

Branch XVI – GERIATRICS
Paper I – (for candidates admitted from 2004-05 to 2007-08) and Part I – (for candidates admitted from 2008-2009 onwards)

ALLIED BASIC SCIENCES IN GERIATRIC MEDICINE

Q.P. Code : 202059

Time : Three hours **Maximum : 100 marks**

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. ANATOMY **(4 x 5=20)**

1. Mitral valve apparatus.
2. Medulla oblongata.
3. Pancreas.
4. Middle ear.

II. PHYSIOLOGY **(4 x 5=20)**

1. Cardiac cycle.
2. Deep tendon reflex.
3. Gonadotropins.
4. Pulmonary function tests.

III. BIOCHEMISTRY **(3 x 5=15)**

1. Bilirubin metabolism.
2. Serum markers of acute inflammation.
3. Serum potassium.

IV. PHARMACOLOGY **(3 x 5=15)**

1. Thrombolytic agents.
2. Thalidomide.
3. Chloroquine.

V. MICROBIOLOGY **(3 x 5=15)**

1. Investigations of malaria.
2. Immunoflorecence.
3. Atypical pneumonia.

VI. PATHOLOGY **(3 x 5=15)**

1. Giant cell.
2. Askoff's body.
3. Amyloidosis.

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