

[LK 1415]

FEBRUARY 2017

Sub.Code :1415

M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION

BRANCH III – (ACUPUNCTURE AND ENERGY MEDICINE)

SECOND YEAR

**PAPER II – APPLIED BASIC MEDICAL SCIENCES IN RELATION
WITH AEM AND PSYCHONEURO-IMMUNOLOGY**

Q.P. Code : 461415

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 20 = 40)

1. Surface anatomy and acupuncture points.
2. Immune Mechanism and stress.

II. Short Notes on:

(10 x 6 = 60)

1. Immunity and obesity.
2. Acupuncture psychology and Psychoneuroimmunology.
3. Role of immunity in pain.
4. Role of immunity in Acute coronary syndrome.
5. Aging and immunity.
6. Endocrine responses to exercise.
7. Vasointestinal peptide.
8. Stress and allergic diseases.
9. Genesis of Sleep.
10. Positive attitude and immunity.

[LL 1415]

OCTOBER 2017

Sub. Code: 1415

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Q.P. Code : 461415

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 20 = 40)

1. Surface anatomy and acupuncture points.
2. Physiology of Exercise.

II. Short Notes on:

(10 x 6 = 60)

1. Neuromuscular transmission.
2. Location of Kidney, Liver and Spleen.
3. Pain receptors.
4. Immunity and obesity.
5. Acupuncture psychology and psychoneuroimmunology.
6. Pain pathways.
7. Location of Lungs, Heart and applied anatomy of heart.
8. Endocrinal responses to exercise.
9. Types of pain and their qualities.
10. Immune enhancing action of acupuncture.

[LN 1415]

OCTOBER 2018

Sub. Code: 1415

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Q.P. Code : 461415

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 20 = 40)

1. Physiological effects of Yogic practices on endocrine and metabolic effects, nervous system and metabolic rate.
2. Physiology of Emotions.

II. Short Notes on:

(10 x 6 = 60)

1. Analgesic effect of acupuncture.
2. Location of Large intestine and urinary bladder.
3. Pain receptors.
4. Endocrinal responses to exercise.
5. Acupuncture psychology.
6. Theories of Aging.
7. Location of sanjiao and spleen.
8. Sedative effect of acupuncture.
9. Neuro muscular transmission.
10. Measurement of basal metabolism.

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OCTOBER 2019

Sub. Code: 1415

M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION

BRANCH III – (ACUPUNCTURE AND ENERGY MEDICINE)

SECOND YEAR

**PAPER II – APPLIED BASIC MEDICAL SCIENCES IN RELATION
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Q.P. Code : 461415

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 20 = 40)

1. Respiration mechanism.
2. Physiological effects of acupuncture.

II. Short Notes on:

(10 x 6 = 60)

1. Genesis of sleep.
2. Location of Lung and Stomach.
3. Electroencephalogram.
4. Vaso intestinal peptide.
5. Theories of Aging.
6. Measurement of basal metabolism.
7. Location of Gallbladder and small intestine.
8. Cardio vascular response to exercise.
9. Neuro physiology of language and sleep.
10. Immune mechanism.

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

[MD(NATU.) 0321]

MARCH 2021

Sub. Code: 1415

(OCTOBER 2020 EXAM SESSION)

M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION

SECOND YEAR

BRANCH III – ACUPUNCTURE AND ENERGY MEDICINE

**PAPER II – APPLIED BASIC MEDICAL SCIENCES IN RELATION
WITH AEM AND PSYCHONEURO-IMMUNOLOGY**

Q.P. Code : 461415

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Role of lifestyle and its effect in immune and neuro-endocrine systems.
2. Scientific basis of Acupuncture meridians and points with reference to research studies.

II. Write notes on:

(10 x 6 = 60)

1. Immunity and sleep.
2. Endocrinal responses to exercise.
3. Neuro physiology of Sleep.
4. Points of lower limb in relation with Anatomy.
5. Glucocorticoids and immunity.
6. Acupuncture psychology and Psychoneuroimmunology.
7. Neuroendocrine effects in rheumatoid arthritis.
8. Aging and brain neuron inflammation.
9. Role of food in child immunity development.
10. Sex steroids and immunity.

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

[MD(NATU.) 1221]

**DECEMBER 2021
(MAY 2021 EXAM SESSION)**

Sub. Code: 1415

**M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION
SECOND YEAR
BRANCH III – ACUPUNCTURE AND ENERGY MEDICINE
PAPER II – APPLIED BASIC MEDICAL SCIENCES IN RELATION
WITH AEM AND PSYCHONEURO-IMMUNOLOGY
*Q.P. Code : 461415***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain pathophysiology and clinical features of Rheumatoid arthritis. Add a note on HPA axis in causing Rheumatoid arthritis.
2. Explain the physiology of pain. Add a note on acupuncture analgesia.

II. Write notes on:

(10 x 6 = 60)

1. What is neuronal plasticity? Add a note on role of proinflammatory cytokines in depression.
2. Explain innate immunity.
3. Psychoneuroimmunological pathways in acute coronary syndrome.
4. Psychobiology of HIV infection.
5. Role of sleep in immune enhancement.
6. Explain the mechanism of stress associated immune dysregulation.
7. Explain psychoneuroimmunologic aspects of alcohol intake.
8. Surface anatomy and acupuncture.
9. Role of exercises in mental health.
10. Explain aging and neuroinflammation.
