

[LK 1411]

FEBRUARY 2017

Sub.Code :1411

M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION

BRANCH I – (NATUROPATHY)

SECOND YEAR

**PAPER II – BASIC AND APPLIED MEDICAL SCIENCES AND
NATUROPATHY**

Q.P. Code : 461411

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 20 = 40)

1. Physiological effects of cold and hot on various systems.
2. Modern Microbiology and pathology relevant to the concepts of Health and disease in Naturopathy.

II. Short Notes on:

(10 x 6 = 60)

1. Manipulative Therapy and its effects.
2. Physiological effects of Acupuncture in pain management.
3. Psychosis and Neurosis.
4. The effect of Natural diet in Acute diseases.
5. Clinical pharmacology.
6. Applied Bio-chemistry related to Nutrition.
7. Applied physiology related to Massage Therapy.
8. Latest Research published on Fasting Therapy.
9. Acupressure related to endocrinology.
10. Nervous system related to Reflexology.

[LL 1411]

OCTOBER 2017

Sub. Code: 1411

M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION

BRANCH I – (NATUROPATHY)

SECOND YEAR

**PAPER II – BASIC AND APPLIED MEDICAL SCIENCES AND
NATUROPATHY**

Q.P. Code : 461411

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 20 = 40)

1. Characteristic of Cardiac Muscle.
2. Physiological effects of hot on the respiration and blood.

II. Short Notes on:

(10 x 6 = 60)

1. Metabolism of Fat and effects of long fasting on body fat.
2. Role/Mechanism of fiber in Diverticulosis and Diabetes.
3. Maha bandha.
4. Apoptosis and fasting relation.
5. Drugs and food interactions.
6. Non nutrient components.
7. Inflammation relation to modern science and Naturopathy.
8. Mechanism of Acupuncture in pain management.
9. Nadis and nervous system.
10. Yoga mudra.

[LN 1411]

OCTOBER 2018

Sub. Code: 1411

M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION

BRANCH I – (NATUROPATHY)

SECOND YEAR

**PAPER II – BASIC AND APPLIED MEDICAL SCIENCES AND
NATUROPATHY**

Q.P. Code : 461411

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 20 = 40)

1. Physiological effects of cold water on the skin and respiratory system.
2. Body Fluid Compartments.

II. Short Notes on:

(10 x 6 = 60)

1. General Mechanism of Muscle Contraction.
2. Prana mudra.
3. Functions of Saliva.
4. Mechanism of Sweat secretion.
5. Hematocrit and how to increase hematocrit value with diet?
6. Effect of Temperature on Heart Function and justify the effect of steam bath on heart.
7. Salient features of the cerebral circulation and cerebral stroke.
8. Sensitivity and awareness through chakras and Nadis.
9. Morphological classification of anemia and name the richest source of folic acid.
10. Uddiyana bandha.

[LP 1411]

OCTOBER 2019

Sub. Code: 1411

M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION

BRANCH I – (NATUROPATHY)

SECOND YEAR

**PAPER II – BASIC AND APPLIED MEDICAL SCIENCES AND
NATUROPATHY**

Q.P. Code : 461411

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 20 = 40)

1. Physiological effects of Fasting, Nutrition and Dietetics.
2. Physiological effects during Combination of Treatments.

II. Short Notes on:

(10 x 6 = 60)

1. Electro Magnetic Field.
2. Energy medicine related to sunlight.
3. Tapering of drugs in Naturopathy and Yoga system.
4. Indication and contra indication of clay therapy.
5. Chiropractic and osteopathy – latest developments.
6. Physiological effect of primary colors.
7. Therapeutic counselling.
8. Clinical documentation.
9. The role of Applied Anatomy in Kriyas.
10. Nervous system related to Reflexology.

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

[MD(NATU.) 0321]

MARCH 2021

Sub. Code: 1411

(OCTOBER 2020 EXAM SESSION)

M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION

SECOND YEAR

BRANCH I – NATUROPATHY

PAPER II – BASIC AND APPLIED MEDICAL SCIENCES AND NATUROPATHY

Q.P. Code : 461411

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the role of antioxidant in the management of disease and add a note on dietary management of Hypertension.
2. a) Write about SITS muscles with its clinical importance.
b) Justify the management of frozen shoulder with manipulative therapy.

II. Write notes on:

(10 x 6 = 60)

1. Lipid profile and its clinical importance.
2. Coronary arteries and its branches with clinical-importance.
3. Complement system.
4. Justify fasting therapy in the prevention and management of Chronic disease.
5. Explain in detail the physiological effects of cold on Skin and Respiratory system.
6. Movements of massage to abdomen and its therapeutic benefits.
7. Explain the physiological mechanism of meridian massage of Conceptional Vessel.
8. Properties and effects of blue color.
9. Explain about food combination in Naturopathy.
10. Add a note on physiological effects of Mud therapy.

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

[MD(Y&N) 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 1411

**M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION
SECOND YEAR
BRANCH I – NATUROPATHY
PAPER II – BASIC AND APPLIED MEDICAL SCIENCES AND NATUROPATHY
*Q.P. Code : 461411***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Regulation of Body Temperature and Heat production.
2. Physiological effects of Cold upon Absorption, Excretion and Nervous system.

II. Write notes on:

(10 x 6 = 60)

1. Causes of extra cellular Edema and Mechanism of salt water hot foot bath in management of Edema.
2. Important functions of Plasma Proteins.
3. Sensory Receptors.
4. Maha mudra.
5. Moola bandha.
6. Blood reservoir function of Veins.
7. Role of nervous system and rapid control of Arterial Pressure.
8. Lifesaving value of collateral circulation in the Heart.
9. Pranic currents and the breath.
10. Basic principles of GI absorption.

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

[MD(Y&N) 1122]

**NOVEMBER 2022
(OCTOBER 2022 EXAM SESSION)**

Sub. Code: 1411

**M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION
SECOND YEAR
BRANCH I – NATUROPATHY
PAPER II – BASIC AND APPLIED MEDICAL SCIENCES AND NATUROPATHY
*Q.P. Code : 461411***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about any five therapeutic diet. Add a note on dietary fibre and its importance.
2. Describe the physiological effects of massage on different systems of the body.

II. Write notes on:

(10 x 6 = 60)

1. Liver function test – clinical importance.
2. Pathophysiology of ulcerative colitis.
3. Exocrine function of pancreas. Add a note on pancreatitis.
4. Describe the physiological effects of fasting.
5. Explain the physiological effects of spinal bath. Add a note on reflex areas.
6. Examination of cranial nerves.
7. Explain Jing well points and its clinical importance.
8. Justify the use of red color in our day today life. Add a note on its therapeutic effects.
9. Discuss about acid alkaline diet.
10. Add a note on therapeutic counseling.

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

[MD(Y&N) 0324]

**MARCH 2024
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 1411

**M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION
SECOND YEAR
BRANCH I – NATUROPATHY
PAPER II – BASIC & APPLIED MEDICAL SCIENCES AND NATUROPATHY**

Q.P. Code: 461411

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about biochemical changes during fasting therapy and write about the difference between starvation and fasting therapy.
2. Explain in detail about pathogenesis of disease according to naturopathy.

II. Write notes on:

(10 x 6 = 60)

1. Write about non steroidal anti inflammatory drugs.
2. Explain the role of diet therapy in managing hypothyroidism.
3. Therapeutic effects of cold hip bath.
4. Write the mechanism of action of acupressure therapy.
5. Physiological effects of massage therapy on circulatory system.
6. Psychological effects of pranic healing.
7. Write about different modes of application of magneto therapy.
8. Physiological effects of Red color and orange color.
9. Explain about the contraindication of mud bath.
10. Explain the effect of raw diet and boiled diet on digestive system.

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

[MD(Y&N) 0325]

MARCH 2025

Sub. Code: 1411

**M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION
SECOND YEAR
BRANCH I – NATUROPATHY
PAPER II – BASIC & APPLIED MEDICAL SCIENCES AND NATUROPATHY**

Q.P. Code: 461411

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain about Gut hormones and add a note on Peptic Ulcer.
2. Write the diagnosing criteria of Diabetic Mellitus and discuss the specific Naturopathy management with the physiological effect of individual therapies.

II. Write notes on:

(10 x 6 = 60)

1. Write the pathophysiology of Obesity.
2. Renal function test and its clinical importance.
3. Write about the lymphatic drainage of Breast with its clinical importance.
4. Define Fasting. Different type of therapeutic fasting with justification.
5. Explain in detail the physiological effects of heat on Nervous and Digestive system with clinical importance.
6. Discuss the physiological effect of massage on Muscular system and Nervous system.
7. Explain the physiological effect meridian massage of Urinary bladder.
8. Give the scientific evidence of effect of Color therapy.
9. Explain the different form of Energy in our body with its uses.
10. Classify food groups according to Naturopathy add a note on Naturopathy diet.

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

[MD(Y&N) 0825]

**AUGUST 2025
(SUPPLEMENTARY EXAM)**

Sub. Code: 1411

**M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION
SECOND YEAR
BRANCH I – NATUROPATHY
PAPER II – BASIC & APPLIED MEDICAL SCIENCES AND NATUROPATHY**

Q.P. Code : 461411

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain about applied physiology of nervous system in related to advancement in understanding the physiological effect of acupuncture.
2. Explain in detail about health and disease according to naturopathy.

II. Write notes on:

(10 x 6 = 60)

1. Write about anti diabetic drugs.
2. Explain about chiropractic techniques.
3. Add a note on clay therapy.
4. Write the mechanism of cold chest pack.
5. Therapeutical effects of steam bath.
6. Explain about primary colors.
7. Explain the role of diet therapy in managing Gouty Arthritis.
8. Physiological effects of intermittent fasting.
9. Explain about therapeutic counselling.
10. Explain the contraindication of magneto therapy.

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

[MD(Y&N) 1125]

NOVEMBER 2025

Sub. Code: 1411

**M.D. (YOGA & NATUROPATHY) DEGREE EXAMINATION
SECOND YEAR (For the Candidates admitted in the academic year 2023-2024)
BRANCH I – NATUROPATHY
PAPER II – BASIC & APPLIED MEDICAL SCIENCES AND NATUROPATHY**

Q.P. Code: 461411

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain Water born diseases and influenza and ways to prevent water born diseases and influenza.
2. Explain Psychiatric Disorders and its limitations of Nature cure in treating Psychiatric Disorders.

II. Write notes on:

(10 x 6 = 60)

1. Mood disorders.
2. Chronobiology.
3. Scrub Typhus and brief note on Eschar.
4. Inguinal canal and inguinal hernias.
5. Autism.
6. Restless leg Syndrome.
7. Purine metabolism Vs Gout disorders.
8. Carpal tunnel syndrome.
9. Cardiometabolic Syndrome.
10. Chronic Obstructive Lung disease.
