

FEBRUARY 2006

[KO 1514]

Sub. Code : 1514

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Second Year

**Paper VI — DIAGNOSTIC METHODS IN MODERN
MEDICINE**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay : (2 × 15 = 30)

1. Discuss in detail method of examination of Blood pressure. Add a note on hypertension.

2. Explain procedure of physical examination of respiratory system in a patient. What are the symptoms of patient suffering from respiratory diseases?

II. Write short notes on : (10 × 5 = 50)

1. Motor System Examination.

2. Jaundice.

3. Heart sounds.

4. Facial palsy.

5. Hepatomegaly.

6. Diagnostic thoracocentesis.

7. Chest X – ray in lung diseases.

8. Echocardiography.

9. Liver function tests.

10. Urine analysis.

AUGUST 2006

[KP 1514]

Sub. Code : 1514

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Second Year

**Paper VI — DIAGNOSTIC METHODS IN MODERN
MEDICINE**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay :

1. (a) The use of X-ray chest PA and lateral view. (5)
(b) Explain about the C.T. scan and M.R.I. (10)
(c) E.E.G. (5)
2. Explain in detail about case taking. (15)
3. Write about the investigations for cardiovascular system. (15)

II. Short notes on :

(6 × 5 = 30)

1. The indication for endoscopic examination.
 2. The role of skin in diagnosis.
 3. Clinical examination of the respiratory system.
 4. The symptoms of stomach disease.
 5. How to diagnose the different fractures?
 6. The symptoms of nasal disease.
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[KQ 1514] FEBRUARY 2007 Sub. Code : 1514

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Second Year

**Paper VI — DIAGNOSTIC METHODS IN MODERN
MEDICINE**

Time : Three hours Maximum : 100 marks

**Theory : Two hours and Theory : 80 marks
forty minutes**

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay :

1. Discuss the symptoms of patient suffering from respiratory disease. Explain procedures of physical examination of respiratory system in a patient. (20)
2. Describe signs and symptoms of anaemia. Explain briefly laboratory investigations for anaemia. (15)
3. Discuss briefly on types of jaundice and its causes. Discuss the liver function tests. (15)

II. Short notes : (6 × 5 = 30)

1. C.T. Scan.
 2. Facial Palsy.
 3. Barium swallow, barium meal and barium enema studies.
 4. Importance of height, weight and abdominal girth in relevant cases.
 5. CSF analysis.
 6. Cardiac murmurs.
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AUGUST 2007

[KR 1514]

Sub. Code : 1514

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Second Year

**Paper VI — DIAGNOSTIC METHODS IN MODERN
MEDICINE**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay : (2 × 15 = 30)

1. Discuss in detail examination of respiratory system. Add note on chest X-ray features in lung diseases.

2. Write in detail signs and symptoms of anaemia. Add a note on complete haemogram.

II. Short essay : (10 × 5 = 50)

1. Hapatomegaly.

2. Edema.

3. Examination of peripheral arterial pulses.

4. Chest pain.

5. Difference between UMN paralysis and LMN paralysis.

6. Features of ascitis.

7. Heart sounds.

8. Electro cardiography.

9. CSF analysis.

10. Haemoptysis.

FEBRUARY 2008

[KS 1514]

Sub. Code : 1514

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Second Year

**Paper VI — DIAGNOSTIC METHODS IN MODERN
MEDICINE**

Q.P. Code : 821514

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

I. Long Essay : (2 × 15 = 30)

1. Discuss in detail examination of central nervous system. (15)

2. (a) Describe in detail examination of blood pressure. (5)

(b) Discuss causes, clinical features and complications of hypertension. (10)

II. Short notes on : (10 × 5 = 50)

- 1. CT-Scan**
- 2. Jaundice**
- 3. Plain X-ray chest**
- 4. Clinical examination of abdomen**
- 5. Breath sounds**
- 6. Importance of height, weight and abdominal girth in clinical examination**
- 7. Types of pulse**
- 8. Lumbar puncture**
- 9. Causes and test for deafness**
- 10. Jugular venous pressure.**

FEBRUARY - 2009

[KU 1514]

Sub. Code : 1514

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Second Year

**Paper VI — DIAGNOSTIC METHODS IN MODERN
MEDICINE**

Q.P. Code : 821514

Time : Three hours

Maximum : 100 marks

I. Long Essay : (2 × 15 = 30)

1. Explain in detail about the Assessment of the Motor System, signs and symptoms and Examination of Motor System.

2. Explain in detail about the Physical Examination of GI Tract.

II. Short notes : (10 × 5 = 50)

1. Examination of Abdominal Fluid.

2. Write a Note on Diagnostic tests done for Rheumatoid Factor.

3. PET Scan.
 4. Examination of Fractures.
 5. Skin Diagnostic Test.
 6. Sputum Examination.
 7. Radio active Isotope studies.
 8. Cardiac Angiography.
 9. Diagnosis and Treatment of Rheumatic Heart disease.
 10. Cardiac Catherization.
7. Murphy's Sign.
 8. Endoscopy.
 9. Cholecystography.
 10. Pulmonary Function Test.
-

III. Short Answers : (10 × 2 = 20)

1. Principle of Magnetic Resonance Imaging.
2. Diagnostic Features of Infective Endocarditis.
3. What are the observing features while examining the chest?
4. Importance of Joint Involvement in differential Diagnosis of Poly arthritis.
5. Arthrography.
6. Any two physical signs in Renal and Urological disease.

August - 2009

[KV 1514]

Sub. Code : 1514

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Second Year

**Paper VI — DIAGNOSTIC METHODS IN MODERN
MEDICINE**

Q.P. Code : 821514

Time : Three hours

Maximum : 100 marks

Answer the question appropriately.

Draw neat diagrams wherever necessary.

Answer ALL the questions.

I. Long Essay : (2 × 15 = 30)

- 1. Explain in detail about gynaecological examination and its clinical importance.**
- 2. What do you mean by Lumbar puncture, write about the procedures and its diagnostic importance.**

II. Short notes : (10 × 5 = 50)

- 1. Respiration and its clinical importance.**
- 2. Webber and Rinne's test.**

August - 2009

3. Estimation of hemoglobin and its clinical usage.
4. Importance of creatine.
5. Thoracocentesis.
6. Clubbing and its clinical importance.
7. Importance of auscultation in respiratory system.
8. Murmur and its classification and grade.
9. Obesity and its diagnosis.
10. Blood in sputum and its importance.

III. Short answers : (10 × 2 = 20)

1. Reason for development of clubbing.
2. Types of fever.
3. Nystagmus and its clinical indications.
4. Test to find out pupillary abnormality.
5. Plantar reflex and its clinical use.
6. Pyrosis.
7. Procedure for "Milking".

8. Face and its clinical value.
 9. "Palmar crease" and its clinical value.
 10. Caput medusae and its clinical importance.
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February 2010

[KW 1514]

Sub. Code: 1514

B.N.Y.S DEGREE EXAMINATION.

(New Regulations)

Second Year

Paper VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essay Questions:

(2 x 15 = 30)

1. Write in detail about the examination of respiratory System.
2. Liver Function Tests.

II. Short Notes:

(10 x 5 = 50)

1. Cyanosis.
2. Pulse-types.
3. Diagnostic skin test.
4. ESR.
5. Clinical features of Paralysis agitans.
6. Heart sounds.
7. Types of Pleural Effusion.
8. Non-Hodgkin's Lymphoma.
9. Treatments of Portal Hypertension.
10. Creatinine clearance test.

III. Short Answers:

(10 x 2 = 20)

1. Diagnosis of Facial palsy.
 2. Marfan's Syndrome.
 3. Pes cavus.
 4. Kussmaul's sign.
 5. Fluid thrill.
 6. Coin test.
 7. Romberg's test.
 8. Clonus.
 9. DLC.
 10. Cheyne-stroke respiration.
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August 2010

[KX 1514]

Sub. Code: 1514

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Second Year

Paper VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time : Three hours

Maximum : 100 marks

Draw neat diagram wherever necessary.

Answer ALL questions.

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about abdominal examination and its clinical importance.
2. What do you mean by Lumbar Puncture? Write about the procedures and its diagnostic importance.

II. Short Notes:

(10 x 5 = 50)

1. Body temperature and its clinical importance.
2. Non-Pitting Oedema.
3. Glasgow Coma Scale its importance.
4. Creatinine Clearance Test.
5. Straight Leg Raising Test and its importance.
6. Cyanosis.
7. Examination of the Facial Nerve.
8. Define Ascitis. How will you find out in clinical practice?
9. Urinary tract infection and its clinical importance.
10. Types of Cough.

III. Short Answers:

(10 x 2 = 20)

1. Dyspnea.
 2. Define: Infarction.
 3. Importance of "Vanillo-Mandelic Acid Test".
 4. Hay's test and its importance.
 5. Methods to find out Jaundice.
 6. Dysphagia.
 7. Use of barium Enema.
 8. Importance of "Poistron Emission Study".
 9. Clinical features of Arthritis.
 10. Tuberculin test.
-

February 2011

[KY 1514]

Sub. Code : 1514

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Second Year

Paper VI — DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time : Three hours

Maximum : 100 marks

Answer the question appropriately.

Draw neat diagrams wherever necessary.

Answer ALL the questions.

I. Long Essay : (2 × 15 = 30)

1. Describe in detail clinical examination of cardiovascular system in a patient.
2. Discuss in brief types, clinical features and causes of jaundice. Add a note on liver function tests.

II. Short notes : (10 × 5 = 50)

1. Fever – types, causes and investigations.
2. Oedema.
3. Vomiting and haematemesis.
4. Percussion of chest.
5. Splenomegaly.
6. Different types of involuntary movements.
7. Examination of deep tendon reflexes.
8. Lumbar puncture.
9. Chest X-ray.
10. Complete Haemogram.

III. Short Answers :

(10 × 2 = 20)

1. Cheyne stokes respiration.
 2. Caput medusae.
 3. Generalised lymphadenopathy.
 4. Peripheral signs of iron deficiency anaemia.
 5. Signs of congestive cardiac failure.
 6. Renal function tests.
 7. Doppler study.
 8. Electro Encephalography.
 9. Albuminuria.
 10. Trail sign.
-

August 2011

[KZ 1514]

Sub. Code : 1514

B.N.Y.S. DEGREE EXAMINATION.

Second Year

Paper VI — DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essay questions : (2 × 15 = 30)

1. Explain in detail about the importance of vital data and general observations should be followed during history taking.
2. Explain briefly about the examination of Back and the advanced investigations regarding the Locomotor system.

II. Short notes : (10 × 5 = 50)

1. Importance of Gait.
2. Palpable spleen.
3. PET scan.
4. Pulsus paradoxus.
5. Features of carcinomatous breast.
6. Examination of fingers and Nails.
7. Examination of thyroid gland.
8. Examination of hard palate and soft palate.
9. Barium meal.
10. Arthrography.

III. Short Answers : (10 × 2 = 20)

1. Acromegalic face.
2. Wandering eye balls.
3. Koplik's spots.
4. Chelosis.
5. Halitosis.
6. Gaenslen's test.
7. Silent Abdomen.
8. Stupor.
9. Kernig's sign.
10. Tremor.

February 2012

[LA 1514]

Sub. Code: 1514

B.N.Y.S. DEGREE EXAMINATION.

Second Year

Paper VI- DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code: 821514

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on: (2x15=30)

1. Explain in detail about Gastro-Intestinal examination and its clinical importance
2. Describe the methods of Blood Pressure examination. Add a note on Hypertension.

II. Write notes on: (10x5=50)

1. Cardiac Angiography
2. Fracture
3. Features of inflammatory joint disease
4. Lung function test
5. Male genital examination
6. Primary and Secondary Skin lesions
7. PET
8. Jaundice
9. Lipid profile
10. Importance of Height and Weight

III. Short Answers (10x2=20)

1. Tetany
2. Bell's Phenomenon
3. Murphy sign
4. Dysarthria
5. Bamboo spine
6. Kussmaul breathing
7. Rice water stool
8. Uveitis
9. SGOT
10. Trocar

[LB 1514]

Sub. Code: 1514

SECOND B.N.Y.S. DEGREE EXAM – AUGUST 2012

Paper – VI DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code: 821514

Time: 180 Minutes

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|--|----|----|----|
| 1. Briefly explain about the hematology, mode of examination and correlated advanced investigations. | 16 | 25 | 15 |
| 2. Briefly explain about the principle of ultrasonogram and the mode of application in different various disease conditions. | 16 | 25 | 15 |

II. Short notes on:

- | | | | |
|---|---|---|---|
| 1. Abnormal types of percussion notes. | 3 | 8 | 5 |
| 2. Adventitious sounds. | 3 | 8 | 5 |
| 3. Write a short note about the features of the Palpable liver to be noticed. | 3 | 8 | 5 |
| 4. Palpation of kidneys. | 3 | 8 | 5 |
| 5. Gigantism. | 3 | 8 | 5 |
| 6. Decubitus. | 3 | 8 | 5 |
| 7. Skin examination. | 3 | 8 | 5 |
| 8. Breast examination. | 3 | 8 | 5 |
| 9. Cardio vascular murmurs. | 3 | 8 | 5 |
| 10. Tongue examination. | 3 | 8 | 5 |

III. Short Answers on:

- | | | | |
|---|---|---|---|
| 1. Oxycephaly. | 1 | 5 | 2 |
| 2. Features of geographical tongue. | 1 | 5 | 2 |
| 3. Features of lymphadenopathy. | 1 | 5 | 2 |
| 4. Arachnodactyly. | 1 | 5 | 2 |
| 5. Rhonchial Fremitus. | 1 | 5 | 2 |
| 6. Boa's sign. | 1 | 5 | 2 |
| 7. Abdominal murmurs. | 1 | 5 | 2 |
| 8. Gag Reflex. | 1 | 5 | 2 |
| 9. Difference between the Lasegue's sign and Released Lasegue's sign. | 1 | 5 | 2 |
| 10. Writer's cramp. | 1 | 5 | 2 |

[LC 1514]

SUB. CODE: 1514

SECOND B.N.Y.S DEGREE EXAM - FEBRUARY 2013

PAPER – VI DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. CODE : 821514

Time: 3 hours:

Maximum: 100 Marks

ANSWER ALL QUESTIONS

I.Essay Questions:

(2x15=30)

1. Describe in detail about the principles of EEG and its clinical importance in diseased conditions.
2. Explain in detail about the Physical Assessment & Examination of Cardiovascular system..

II.Short Notes:

(10x5=50)

1. Paracentesis
2. Examination of Breast
3. Diagnostic Skin Test.
4. Superficial reflexes and its clinical relevance.
5. Endoscopy
6. Liver Function Test
7. Fractures
8. Tongue Examination
9. Chest X-Ray
- 10.Diagnostic features of Aortic Regurgitation.

III.Short Answers:

(10x2=20)

1. Swan-Neck Deformity.
2. Courvoisier's law
3. Oedema
4. Vocal Resonance.
5. Rinne's Test.
6. Albuminuria.
7. Cyanosis.
8. Whispering Test
9. Cardiac Murmurs
- 10.Strawberry Tongue.

[LD 1514]

SUB. CODE: 1514

SECOND B.N.Y.S DEGREE EXAM - AUGUST 2013

PAPER – VI DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. CODE : 821514

Time: 3 hours:

Maximum: 100 Marks

ANSWER ALL QUESTIONS

I.Essay Questions:

(2x15=30)

1. Elaborate in detail about the Respiratory Examination. Add a note on the symptoms of Respiratory disease.
2. Explain about the importance of Lumbar Puncture and CSF analysis in relevant clinical cases.

II.Short Notes:

(10x5=50)

1. Diagnostic investigation for Rheumatic disease.
2. Palpation of Abdominal Mass
3. Thyroid Profile.
4. Cardiac murmurs.
5. Deep tendon Reflex.
6. Stool Examinations.
7. Diagnostic Skin Test.
8. Radio Active Isotopes studies.
9. ECG changes in Atrio-Ventricular Block
10. CT Scan

III.Short Answers:

(10x2=20)

1. Rinne's Test.
2. Fever-Types
3. Anemia
4. VMA excretion test.
5. Fractures
6. Rice Water Stool
7. Holter Monitoring.
8. Clubbing
9. JVP
10. Angiography.

SECOND YEAR B.N.Y.S. DEGREE EXAM

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three hours

Maximum : 100 Marks

Answer All questions

I. Essays Questions: (2X15=30)

1. Explain in Detail about the Examination of Breast, Back and Spine and add any necessary investigations required for the Examination
2. Explain in Detail about the Gynaecological Examination and investigations required for the Examination

II. Short Notes: (10x5=50)

1. Explain in detail about the General Physical Examination
2. Lumbar puncture
3. CSF analysis
4. Diagnosis of kidney, ureter and bladder through ultrasound
5. Thyroid profile
6. Barium swallow
7. Colonoscopy features in Diagnosis of colon disorders
8. X-ray study of Paranasal sinuses
9. Creatinine Clearance Test
10. Creatine Phosphokinase

III. Short Answers: (10x2=20)

1. Define Scoliosis, Kphosis and Lordosis
2. Doppler study
3. SGOT and SGPT
4. Bronchogram
5. X-ray study of joints
6. Hemoglobin Estimation
7. Vital Data.
8. Distention of abdomen- causes
9. Urine Analysis
10. Elevated Serum Creatinine level

SECOND B.N.Y.S. DEGREE EXAMINATION

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three hours

Maximum : 100 Marks

Answer All questions

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

1. Elaborate the assessment of Respiratory System and its clinical importance.
2. Explain in detail about the ENT Examination with a note on its symptoms.

II. Short Notes: (10 x 5 = 50)

1. Breast Examination.
2. CPK.
3. Cholecystography.
4. Heart Murmurs.
5. Palpation of abdominal mass.
6. Extra Articular features of Joint Disease.
7. Stool Analysis.
8. EEG.
9. JVP.
10. Radioactive Iodine uptake study.

III. Short Answers: (10 x 2 = 20)

1. Pes Cavus.
2. Schamroth's window test.
3. Cheyne Stroke breathing.
4. Striae Gravidarum.
5. Inactivity Stiffness.
6. Arcus senilis.
7. Caput Medusae.
8. Grade Tenderness.
9. Fracture.
10. Chvostek's Sign.

SECOND B.N.Y.S. DEGREE EXAMINATION

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essays Questions:

(2 x 15 = 30)

1. Explain in detail about the examination of Respiratory and cardio vascular system.
2. Examination of Abdomen and Nervous System.

II. Write Notes on:

(10 x 5 = 50)

1. Pyelography.
2. Thyroid disorders - its diagnostic procedures.
3. Ultrasound of abdomen.
4. Features and disease diagnosis through stool examination.
5. Cardiac catheterization.
6. Speculum examination in gynecological disorder.
7. Renal examination.
8. Audiometric analysis.
9. Electroencephalogram.
10. Thoracocentesis.

III. Short Answers on:

(10 x 2 = 20)

1. Deep reflex and superficial reflex.
2. Features of chronic obstructive pulmonary diseases.
3. Creatinine clearance test.
4. Echocardiography.
5. Liver function tests.
6. Skin function tests.
7. Peak flow meter.
8. C.T. scans principle.
9. Serum cholesterol diagnosis.
10. PET scan.

SECOND B.N.Y.S. DEGREE EXAMINATION
PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Essay Questions:

(2 x 15 = 30)

1. Elaborate the assessment of the GI system. Write a note on GI Symptoms.
2. Define Echocardiogram and Electrocardiogram. Explain the analysis and clinical application of ECG and Echo.

II. Write notes on:

(10 x 5 = 50)

1. Cyanosis.
2. SGOT and SGPT.
3. Investigation for Rheumatoid Arthritis.
4. Write a note on Gait.
5. Urine Analysis.
6. Diagnostic importance CT Scan.
7. Adventitious Sounds.
8. Clinical relevance of Lumbar Puncture.
9. Chest X-ray.
10. Hemoglobin estimation.

III. Short answers on:

(10 x 2 = 20)

1. Myoclonus.
2. VMA excretion test.
3. Dix Hallpike test.
4. Linea Nigra.
5. Wood Light test.
6. Unterberger's test.
7. Fundal Grip.
8. Carpopedal spasm.
9. Pel Ebstein Fever.
10. Diagnostic features of Appendicitis.

SECOND B.N.Y.S. DEGREE EXAMINATION

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about the Abdominal Examination and its Clinical Importance.
2. Jaundice – Types, Clinical Features and Causes. Add a note on the Liver Function Tests.

II. Write Notes on:

(10 x 5 = 50)

1. Auscultation in Respiratory System.
2. Stool Examination.
3. Thoracocentesis.
4. Vomiting and Haematemesis.
5. Electrocardiography.
6. Skull and Paranasal Sinus.
7. Examination of Nervous system.
8. Doppler Study.
9. Importance of Weight.
10. Pyelography.

III. Short Answers on:

(10 x 2 = 20)

1. Cardiac Murmurs.
2. Murphy's Sign.
3. Flapping Tremor.
4. Tuberculin Test.
5. Signs of Congestive Cardiac Failure.
6. Nocturia.
7. Pyrexia.
8. Hirsutism.
9. Bamboo's Spine.
10. Transillumination Test.

[LJ 1514]

OCTOBER 2016

Sub.Code :1514

SECOND B.N.Y.S. DEGREE EXAMINATION

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Write in detail about the Examination of Cardiovascular System.
2. Write about the Procedure and its Diagnostic Importance of Lumbar Puncture.

II. Write Notes on:

(10 x 5 = 50)

1. Urinary Tract Infection and its Clinical Importance.
2. Creatinine Clearance Test.
3. Webber and Rinne's Test.
4. Examination of Spine.
5. Straight Leg Raising Test and its Importance.
6. Endoscopy procedure of its benefits.
7. Vital Data and its importance.
8. Ultrasonography.
9. Complete Haemogram.
10. Types of cough.

III. Short Answers on:

(10 x 2 = 20)

1. Syncope.
2. Trails Sign.
3. Schirmer's Test.
4. Cheyne Stroke Respiration.
5. Decubitus.
6. Fluid Thrill.
7. Albuminuria.
8. Epistaxis.
9. Barium Enema.
10. Lymph Nodes of neck.

SECOND B.N.Y.S. DEGREE EXAMINATION

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about the assessment of cognitive function and add a note on trigeminal nerve assessment.
2. Describe briefly about the examination of the liver. Add a note on examination of abdominal fluids and investigations regarding the Ascites.

II. Write Notes on:

(10 x 5 = 50)

1. Investigations made for the cardiovascular system.
2. Pleural Rub.
3. Jugular Venous Pressure.
4. Different types of Murmurs.
5. Rectal Examination.
6. Auscultation areas of Chest.
7. Back Examination.
8. General Examination of joints.
9. Skin Examination.
10. Swan Neck Deformity.

III. Short Answers on:

(10 x 2 = 20)

1. Cyanosis.
2. Decubitus.
3. Diarrhoea.
4. Clubbing of fingers.
5. Aneurysm.
6. Abnormal breath sounds.
7. Psoas Sign.
8. Waddling gait.
9. Rhonchal fremitus.
10. Stridor.

SECOND B.N.Y.S. DEGREE EXAMINATION

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Write in detail about the Examination of Respiratory System.
2. Examination of Breast, Back, Spine and Genitals.

II. Write Notes on:

(10 x 5 = 50)

1. Palpation in GIT.
2. Urine Analysis – Chemical Examination.
3. Different Heart Sounds and its clinical importance.
4. Pulse – Types and its clinical variation.
5. Body Temperature and its Clinical Importance.
6. Splenomegaly.
7. Diagnostic Skin Test.
8. Paracentesis.
9. Palpation of Liver.
10. Stool examination.

III. Short Answers on:

(10 x 2 = 20)

1. Echocardiogram.
2. Swan Neck Deformity.
3. Whispering Test.
4. Angiography.
5. Dysphagia.
6. Funic Souffle.
7. Hay's Test.
8. Half and Half Nails.
9. Schamroth's Sign.
10. Precocious Puberty.

SECOND B.N.Y.S. DEGREE EXAMINATION

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Maximum : 100 Marks

Answer All questions

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

1. Explain in detail about Lumbar puncture and CSF analysis.
2. Describe in detail about the physical examination of GI Tract and Abdomen.

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

1. Inspection of Pericardium.
2. Radiology of chest.
3. Audiometric Analysis.
4. Causes of Vertigo.
5. Thyroid Profile.
6. PET scan.
7. Clinical Examination of Ear and Hearing.
8. MRI Scan.
9. Motor Examination of CNS.
10. Breast Examination.

III. Short Answers on: (10 x 2 = 20)

1. Peripheral smear.
2. Types of Pulses.
3. ECG.
4. Coin Test.
5. Straight Leg Raising test.
6. Dysarthria.
7. Goitre.
8. Cretinism.
9. Features of Down's syndrome.
10. Ankle Jerk.

SECOND B.N.Y.S. DEGREE EXAMINATION

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain briefly about the examination of Urinary system and add details about the investigation of urinary system.
2. Describe briefly about skin examination and advanced investigations made for skin.

II. Write Notes on:

(10 x 5 = 50)

1. Auscultation procedure of Abdomen.
2. Examination of Perianal and Anal canal disorders.
3. Different types of Gait.
4. Echo Cardiography.
5. Lumbar Puncture.
6. Types of Percussion notes in Respiratory system.
7. Abdominal Examination.
8. Olfactory Nerve Examination.
9. Causes of Ascites.
10. Angiogram.

III. Short Answers on:

(10 x 2 = 20)

1. Atrial flutter.
2. Deviation of Trachea.
3. Palpable Spleen.
4. Abnormalities of Respiration.
5. Importance of Personal History Taking.
6. Galactorrhoea.
7. Scoliosis.
8. Apical Thrust.
9. Phimosis.
10. Venereal ulcers.

[LN 1514]

OCTOBER 2018

Sub. Code: 1514

SECOND B.N.Y.S. DEGREE EXAMINATION

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Discuss in detail about examination of the cardiovascular system. Add a note on cardiac catheterization.
2. Explain in detail about the importance of general physical examination and vital data.

II. Write Notes on:

(10 x 5 = 50)

1. Types of cough.
2. Differential diagnosis of chest pain.
3. Assessment of hearing.
4. Deformities of chest.
5. Palpation of liver.
6. Magnetic resonance imaging.
7. Deep tendon reflexes.
8. CSF Analysis.
9. Examination of facial nerve.
10. Diagnostic Skin Test.

III. Short Answers on:

(10 x 2 = 20)

1. Caput Medusa.
2. Trousseau's sign.
3. Patellar tap test.
4. Syncope.
5. Koilonychia.
6. Pulsus alternans.
7. Colonoscopy.
8. Myoclonus.
9. Serum uric acid.
10. Splenomegaly.

[LO 1514]

MAY 2019

Sub. Code: 1514

SECOND B.N.Y.S. DEGREE EXAMINATION

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about the examination of cranial nerves.
2. Explain in detail about the gynaecological examination and add a note on its required investigation.

II. Write Notes on:

(10 x 5 = 50)

1. Lumbar puncture.
2. Chest X-ray.
3. Lymphadenopathy.
4. Clubbing and its grading.
5. Measurement of jugular venous pressure.
6. Sputum examination.
7. Renal function tests.
8. Endoscopy.
9. Causes of dyspnoea.
10. Examination of Ascitis.

III. Short Answers on:

(10 x 2 = 20)

1. Stridor.
2. Perimetry.
3. Paroxysmal Nocturnal Dyspnoea.
4. Vertigo.
5. Arachnodactyly.
6. Cheyne stokes breathing.
7. Acute abdomen.
8. Pulsus paradoxus.
9. Kernig's sign.
10. Trail sign.

[LP 1514]

OCTOBER 2019

Sub. Code: 1514

SECOND B.N.Y.S. DEGREE EXAMINATION

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about the examination of central nervous system. Add a note on the computerized topographic scan.
2. Explain briefly about the examination of the locomotor system and add a note on X-ray of joints.

II. Write Notes on:

(10 x 5 = 50)

1. Arthroscopy.
2. Positron emission tomography.
3. Cyanosis and its types.
4. Fever and its types.
5. Superficial reflexes.
6. Electrocardiography.
7. Liver function test.
8. Types of Odema.
9. Diagnostic paracentesis.
10. Doppler study.

III. Short Answers on:

(10 x 2 = 20)

1. Silent Abdomen.
2. Kussmaul breathing.
3. Bamboo spine.
4. Gag reflex.
5. Swan neck deformity.
6. Clubbing.
7. Holter monitoring.
8. Grade tenderness.
9. Dix and hallpike test.
10. Murphy's sign.

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

[BNYS 0321]

MARCH 2021

Sub. Code: 1514

(MAY 2020 & AUGUST 2020 SESSION)

B.N.Y.S. DEGREE EXAMINATION

SECOND YEAR

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about the speech audiogram, pure tone audiometry and radiological examination used for hearing loss.
2. Explain in detail about the examination of nose, allergy test and radiological examination used for nose examination.

II. Write Notes on:

(10 x 5 = 50)

1. Write a short note on visual field testing and add a note on Snellen chart for testing distant vision.
2. Write note on direct ophthalmoscopy.
3. Examination of fundi.
4. Speculum examination.
5. Write note on colposcopy and hysteroscopy.
6. Write note on Imaging technique of urinary tract.
7. Measurement of renal tubular function.
8. Special techniques in examination of the skin.
9. Write note on skin pigmentation.
10. Write note on patchy testing, skin biopsy and wood's light examination.

III. Short Answers on:

(10 x 2 = 20)

1. Mouth thrush.
2. Macroglossia.
3. Acromegaly.
4. Myxoedema.
5. Diabetic neuropathy.
6. Trousseau's sign.
7. Chrostek's sign.
8. Moon face.
9. Pancytopenia.
10. Hypersplenism.

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

[BNYS 1021]

**OCTOBER 2021
(OCTOBER 2020 SESSION)**

Sub. Code: 1514

**B.N.Y.S. DEGREE EXAMINATION
SECOND YEAR**

**(For the candidates admitted from the academic year 2013-14)
PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE
Q.P. Code : 821514**

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

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

1. Explain in detail about the autonomic nervous system and add a note on lumbar puncture.
2. Examination of facial nerve, trigeminal nerve and glossopharyngeal nerve.

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

1. Testing on visual acuity and visual field.
2. Investigations carried out in rheumatic diseases.
3. Spinal examination.
4. Locomotor screening test.
5. Measurement of jugular venous pressure.
6. Differential diagnosis of pleural effusion.
7. Differentiation between cardiac and pulmonary dyspnoea.
8. Lung Abscess.
9. Abnormal percussion notes.
10. Positions of mediastinum in respiratory diseases.

III. Short Answers on: (10 x 2 = 20)

1. Purse lip breathing.
2. Splenic dullness.
3. Coin test.
4. Pulmonary collapse.
5. Nocturia.
6. Systolic thrill.
7. Haematuria.
8. Rectocele.
9. Balanitis.
10. Ataxia.

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

[BNYS 0322]

**MARCH 2022
(FEBRUARY 2021 & MAY 2021 SESSIONS)**

Sub. Code: 1514

**B.N.Y.S. DEGREE EXAMINATION
SECOND YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE
Q.P. Code : 821514**

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

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

1. Describe in about the Spinal accessory nerve examination.
2. Explain in detail about the stance, gait and its importance in diagnosis.

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

1. Diagnostic test in Extrapyrarnidal system.
2. Clinical test for Autonomic nervous system.
3. Pulsation of the vessels.
4. Examination of scoliosis.
5. Joint involvement of Rheumatoid arthritis.
6. Finger Examination.
7. Short note on cyst.
8. Ear examination.
9. Primary and secondary lesions of skin.
10. Types of Decubitus.

III. Short Answers on: (10 x 2 = 20)

1. Stature.
2. Pruritis.
3. Polyuria.
4. Write any two examination points of prostatitis?
5. Apex beat.
6. Sprengel's shoulder.
7. Madelung deformity.
8. Virchow's node.
9. Retrocollis.
10. Peritonsillar abscess.

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

[BNYS 0522]

MAY 2022

Sub. Code: 1514

(AUGUST 2021 & OCTOBER 2021 SESSIONS)

B.N.Y.S. DEGREE EXAMINATION

SECOND YEAR

(For the candidates admitted from the academic year 2011-12)

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code : 821514

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about the examination of Central nervous system. Add a note on computerized tomographic scan.
2. Explain in detail about the examination of locomotor system and add a note on X-ray of joints.

II. Write Notes on:

(10 x 5 = 50)

1. Arthroscopy.
2. Positron emission tomography.
3. Cyanosis and its types.
4. Fever and its types.
5. Superficial reflexes.
6. Electro cardiography.
7. Liver function test.
8. Types of Odema.
9. Diagnostic paracentesis.
10. Doppler study.

III. Short Answers on:

(10 x 2 = 20)

1. Silent Abdomen.
2. Kussmaul breathing.
3. Bamboo spine.
4. Gag reflex.
5. Swan neck deformity.
6. Clubbing.
7. Holter monitoring.
8. Grade tenderness.
9. Dix and hallpike test.
10. Murphy's sign.

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

[BNYS 1022]

**OCTOBER 2022
(FEBRUARY 2022 & MAY 2022 EXAM SESSIONS)**

Sub. Code: 1514

**B.N.Y.S. DEGREE EXAMINATION
SECOND YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE
Q.P. Code : 821514**

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

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

1. Describe in detail about the examination of buccal mucosa.
2. Explain in detail about the examination of Lips.

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

1. Colour of Face.
2. Scalp disorders.
3. Types of skull.
4. Examination for Hyper pigmentation.
5. Gigantism.
6. Abdomen Examination.
7. Types of percussion notes.
8. Types of wheeze sounds.
9. Short note on Vocal resonance.
10. Position of mediastinum in respiratory diseases.

III. Short Answers on: (10 x 2 = 20)

1. Test for pendulousness of legs.
2. Babinski reflex.
3. Wrist drop test.
4. Thumb abduction test.
5. Hand pronation test.
6. Differential diagnosis of hematuria.
7. Jaw winking test.
8. Test for Myasthenia.
9. Facial nerve tapping test.
10. Types of edema.

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

[BNYS 0923]

**SEPTEMBER 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 1514

**B.N.Y.S. DEGREE EXAMINATION
SECOND YEAR**

**(For the candidates admitted from the academic year 2011-12)
PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE**

Q.P. Code: 821514

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

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

1. Explain briefly about Syncope causes, method of inquiry and investigations to be followed.
2. Describe in detail about the pathology of ear and nose and examination of the ear and nose.

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

1. Tuberculous lymphadenopathy.
2. Inspection of thyroid gland.
3. Clubbing of fingers.
4. Onychogryphosis.
5. Types of Oedema.
6. Male genital Examination.
7. Examination of facial nerve.
8. Liver function test.
9. Write a note on Endoscopic procedures.
10. Lumbar puncture and CSF analysis.

III. Short Answers on: (10 x 2 = 20)

1. Ventricular Knock.
2. Trousseau's sign.
3. Aortic Ejection Click.
4. Bronchogram.
5. Pericardial Friction Rub.
6. Differential diagnosis of Retrosternal chest pain.
7. Paracentesis.
8. Tympany.
9. Polyphonic Wheezing.
10. Crackles.

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

[BNYS 0124]

JANUARY 2024

Sub. Code: 1514

(JUNE 2023 / OCTOBER 2023 EXAM SESSIONS)

B.N.Y.S. DEGREE EXAMINATION

SECOND YEAR

(For the candidates admitted from the academic year 2011-12)

PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE

Q.P. Code: 821514

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about examination of vital datas.
2. Explain in detail about palpation and percussion of abdomen.

II. Write Notes on:

(10 x 5 = 50)

1. Write short note about ECG and its findings in MI.
2. Write short note about IVDP and its investigation.
3. Procedure and indications of paracentesis.
4. Write short note about chest examination.
5. Types and causes of edema.
6. Transcutaneous examination of skin.
7. Write short note about examination of sensory system.
8. Importance of SGOT and SGPT.
9. Write short note about patrick's test.
10. Types of headache.

III. Short Answers on:

(10 x 2 = 20)

1. Define Cacosmia.
2. Clinical features of epigastric hernia.
3. Importance of medical history in case taking.
4. Define rebound tenderness.
5. Wry neck and its causes.
6. Hill's sign.
7. Define Pomfret heart.
8. Diagnostic criteria of Rheumatoid arthritis.
9. Cohen's law of meningitis.
10. Honeycomb lung.

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

[BNYS 0125]

**JANUARY 2025
(OCTOBER 2024 EXAM SESSION)**

Sub. Code: 1514

**B.N.Y.S. DEGREE EXAMINATION
SECOND YEAR**

**(For the candidates admitted from the academic year 2011-12)
PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE**

Q.P. Code: 821514

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

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

1. Describe in detail about the Cardiovascular examination.
2. Describe in detail about the Female genital examination and add a note on investigation required for the examination.

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

1. Acute arthritis.
2. Doppler study.
3. Echocardiography.
4. Degenerative arthritis.
5. Abdominal examination.
6. Breast examination.
7. Deep Reflexes.
8. Brudzinski neck sign.
9. Winging of scapula.
10. Facial nerve Examination.

III. Short Answers on: (10 x 2 = 20)

1. Coin's test.
2. SLR test.
3. Friedreich's sign.
4. Trendelenburg test.
5. Murphy's sign.
6. Shifting dullness.
7. Garland triangle.
8. Gerhardt sign.
9. Tympany.
10. Continuous murmur.

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

[BNYS 0725]

**JULY 2025
(MAY 2025 EXAM SESSION)**

Sub. Code: 1514

**B.N.Y.S. DEGREE EXAMINATION
SECOND YEAR**

**(For the candidates admitted from the academic year 2011-12)
PAPER VI – DIAGNOSTIC METHODS IN MODERN MEDICINE**

Q.P. Code: 821514

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about the clinical assessment of balance and special Investigations of Hearing and Add a note on Radiological Investigations related to the system of disorder?
2. Describe in detail about Assessment of consciousness and Coma. Write in detail about the Glasgow coma scale for the assessment of coma patients.

II. Write Notes on:

(10 x 5 = 50)

1. Short note on Syphilis and Gonorrhea.
2. Write in detail about the Specific Features of different types of anaemia.
3. Visual Acuity test and write about the SNELLEN distance vision for the test.
4. Examination of Vulva and Usage of speculum.
5. Imaging technique of urinary track.
6. Kidney Function Test.
7. Examination of Thyroid gland.
8. Skin Examination.
9. Write a note on ECG.
10. Lumbar puncture.

III. Short Answers on:

(10 x 2 = 20)

1. Kernig's sign.
2. Abnormalities of CSF Fluid.
3. Gait Disorders.
4. Honey comb lung.
5. Superficial Reflex.
6. Define Parkinsons disease.
7. Causes of tremors.
8. Examination of Pupils.
9. Arthrography.
10. Hyper Mobility.
