

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

[MD(SIDDHA) 0321]

MARCH 2021

Sub. Code: 3125

(OCTOBER 2020 EXAM SESSION)

M.D. (SIDDHA) DEGREE EXAMINATION

THIRD YEAR

BRANCH V – NOI NADAL

PAPER III – ESSENTIALS IN PATHOLOGY INCLUDING CLINICAL PATHOLOGY

Q.P. Code : 323125

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. A 7 years old school boy while playing football in his school playground has got injured his right knee. On examination, there was a 3cm X 4cm laceration with skin loss. What would be the type of wound healing in this boy and discuss with details and diagrams for the wound healing? Elaborate on growth factors responsible for wound healing and complications of wound healing.
2. Elaborate on pathogenesis, morphology and differences between Crohn's disease and Ulcerative colitis.

II. Write notes on:

(10 x 6 = 60)

1. Describe the Intracellular Pigment accumulations.
2. Write a short note on Air embolism.
3. Write a short note on Down syndrome.
4. Give a brief note on Kaposi sarcoma.
5. Give a brief note on Teratoma.
6. Define, classify and describe different types of Aneurysms.
7. Write a short note of Disseminated Intravascular Coagulation.
8. Describe about Cholelithiasis.
9. Discuss about Hashimoto's thyroiditis.
10. Write a short note on Psoriasis.

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

[MD(SIDDHA) 1221]

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

Sub. Code: 3125

**M.D. (SIDDHA) DEGREE EXAMINATION
THIRD YEAR - (For the candidates admitted from 2017-2018 onwards)
BRANCH V – NOI NADAL
PAPER III – ESSENTIALS IN PATHOLOGY INCLUDING CLINICAL PATHOLOGY
Q.P. Code : 323125**

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Embolism and explain in detail about pulmonary Thromboembolism?
2. Discuss about etio pathogenesis and morphological features of acute myocardial infarction?

II. Write notes on:

(10 x 6 = 60)

1. Explain lymphangitis and lymphedema?
2. Define emphysema and its classifications?
3. Difference between crohn's disease and ulcerative colitis?
4. Describe about membranous glomerulonephritis?
5. Classify testicular tumours.
6. Describe about endometritis, myometritis and adenomyosis.
7. Write short notes on Osteosarcoma.
8. Describe Muscular dystrophy.
9. Disseminated intravascular coagulation.
10. Short notes on intracellular accumulation?

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

[MD(SIDDHA) 0222]

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

Sub. Code: 3125

**M.D. (SIDDHA) DEGREE EXAMINATION
THIRD YEAR - (For the candidates admitted from 2017-2018 onwards)
BRANCH V – NOI NADAL
PAPER III – ESSENTIALS IN PATHOLOGY INCLUDING CLINICAL PATHOLOGY
Q.P. Code : 323125**

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Mutation, classify different types of mutations and elaborate on Sex Chromosomal Disorders.
2. Define Atherosclerosis, classify the risk factors responsible for atherosclerosis and elaborate on pathogenesis and morphology in detail.

II. Write notes on:

(10 x 6 = 60)

1. Define Metaplasia and describe metaplasia with suitable examples.
2. Write a brief note on Fate of Thrombosis.
3. Describe about Systemic Sclerosis.
4. What is Minamata disease, describe about etiology and clinical features?
5. Describe about Wilms tumor.
6. Differences between Hodgkin's and Non-Hodgkin's lymphoma.
7. Write a short note on pathology of Pneumonia.
8. Describe about Barrett's Esophagus.
9. Discuss the Phyllodes tumor with suitable diagram.
10. Write a short note of Osteomyelitis.

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

[MD(SIDDHA) 0822]

**AUGUST 2022
(MAY 2022 EXAM SESSION)**

Sub. Code: 3125

**M.D. (SIDDHA) DEGREE EXAMINATION
THIRD YEAR - (For the candidates admitted from 2017-2018 onwards)
BRANCH V – NOI NAADAL
PAPER III – ESSENTIALS IN PATHOLOGY INCLUDING CLINICAL PATHOLOGY**

Q.P. Code : 323125

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write the routes of spread of metastasis and explain mechanism and biology of invasion and metastasis.
2. Define hypertension, causes and mechanism of essential hypertension.

II. Write notes on:

(10 x 6 = 60)

1. Write a note on granulomatous inflammation and explain its pathogenesis.
2. What are the complications of wound healing?
3. Write about the pathophysiology of thrombus.
4. Grading and staging of cancer.
5. Write a note on pathology and complications of malaria.
6. Write a note on Angina pectoris.
7. Discuss about bronchial asthma with laboratory findings.
8. Morphological features of acute and chronic hepatitis.
9. Define Chronic pyelonephritis.
10. Complications of Pelvic inflammatory disease.

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

[MD(SIDDHA) 1122]

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

Sub. Code: 3125

**M.D. (SIDDHA) DEGREE EXAMINATION
THIRD YEAR - (For the candidates admitted from 2017-2018 onwards)
BRANCH V – NOI NAADAL
PAPER III – ESSENTIALS IN PATHOLOGY INCLUDING CLINICAL PATHOLOGY**

Q.P. Code : 323125

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Apoptosis. Describe in detail about causes, mechanism and morphology of Apoptosis with suitable diagrams and flowcharts wherever needed.
2. Classify Glomerular diseases. Describe the differences between Nephrotic and Nephritic syndrome and describe in detail about IgA nephropathy.

II. Write notes on:

(10 x 6 = 60)

1. Describe the role of macrophages in wound healing.
2. Describe the pathogenesis, morphology and clinical features of Marfan syndrome.
3. What are the Oncogenic viruses and neoplasms produced by them?
4. Write a short note on Lead poison.
5. Give a brief note on Cystic fibrosis.
6. Write a short note of Infective Endocarditis.
7. Describe about pathogenesis, morphology and clinical features of Sickle cell disease.
8. Describe about Peutz-Jeghers syndrome.
9. Discuss about Cervical Intraepithelial Neoplasia.
10. Give a brief note on pathogenesis, morphology and prognostic factor of Melanoma.

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

[MD(SIDDHA) 0823]

**AUGUST 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 3125

**M.D. (SIDDHA) DEGREE EXAMINATION
THIRD YEAR - (For the candidates admitted from 2017-2018 onwards)
BRANCH V – NOI NAADAL
PAPER III – ESSENTIALS IN PATHOLOGY INCLUDING CLINICAL PATHOLOGY**

Q.P. Code : 323125

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the Etiology, Pathogenesis and Morphological patterns of Cell Injury.
2. Describe the causes, Pathogenesis, Morphology and clinical features of Carcinoma Endometrium.

II. Write notes on:

(10 x 6 = 60)

1. Write a note on Metaplasia.
2. Write a note on wound healing and its types.
3. Describe the fate of thrombus.
4. Difference between tuberculoid and lepromatous leprosy.
5. Define hypersensitivity and its types.
6. Write a note on pneumothorax.
7. Write a brief note on thyroglossal duct cyst.
8. Causes and morphology of chronic pyelonephritis.
9. Hemochromatosis- causes and morphology.
10. Write peripheral blood and bone marrow study in megaloblastic anaemia.

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

[MD(SIDDHA) 0225]

FEBRUARY 2025

Sub. Code: 3125

**M.D. (SIDDHA) DEGREE EXAMINATION
THIRD YEAR - (For the candidates admitted from 2017-2018 onwards)
BRANCH V – NOI NAADAL
PAPER III – ESSENTIALS IN PATHOLOGY INCLUDING CLINICAL PATHOLOGY**

Q.P. Code: 323125

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about the changes in acute inflammation and systemic effect of acute inflammation.
2. Write in detail about Anaplastic cytomorphology of metastasis, grading and staging of tumors.

II. Write notes on:

(10 x 6 = 60)

1. Diagnosis of Diabetes.
2. Discuss about Hypothyroidism.
3. Discuss about male infertility.
4. Pathogenesis of Liver Cirrhosis.
5. Describe about Emphysema.
6. Germ cell tumours of testis.
7. Dry and wet gangrene.
8. Systemic lupus Erythematosus.
9. Chemical Carcinogenesis.
10. Write brief notes on acute tubular necrosis.
