

Q.P.CODE:M102D010

Dr. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
FINAL M.B.B.S. PART-II - DEGREE EXAMINATION – DECEMBER, 2024

GENERAL MEDICINE

PAPER-I

(Theory Questions)

Time : 2 Hours 40 Minutes

Max. Marks : 80

Note : Answer all questions. Draw a neat diagram wherever necessary

SECTION-II (THEORY QUESTIONS - 80 MARKS)

WRITE ESSAY ON THE FOLLOWING:

2X15=30

- 1) A 45-year-old woman presents to the emergency department with severe abdominal pain in the right upper quadrant that started after a fatty meal. She reports nausea and occasional vomiting. Her medical history is significant for obesity and hyperlipidemia.

Describe and discuss the pathophysiology, clinical evolution, management and complications cholelithiasis and cholecystitis

- 2) A 38-year-old male presents to the outpatient clinic with a fever of 102°F (38.9°C) for the past three weeks. He reports night sweats, fatigue, and a 5kg weight loss. He has no significant past medical history and is not taking any medications. He has traveled to several countries in the last year, including regions where malaria is endemic.

Discuss and describe the pathophysiology, aetiology and clinical manifestations of fever of unknown origin (FUO) in a normal host and a host with HIV Disease

WRITE SHORT NOTES ON THE FOLLOWING:

10X5=50

- 3) Discuss the pathophysiology and clinical findings of uremia
- 4) Discuss the indications for renal dialysis and renal replacement therapy
- 5) Describe the pathophysiology, clinical features, diagnosis and management of diabetic ketoacidosis
- 6) Describe the pharmacology, indications, interactions of thyroxine and antithyroid drugs
- 7) Discuss the aetiology of acute and chronic diarrhea including infectious and non-infectious causes
- 8) Causes and management of DIC
- 9) Paracetamol poisoning.
- 10) Enumerate the bleeding and clotting disorders. Discuss investigations and management of Haemophilia
- 11) Probiotics
- 12) When can confidence be breached with whom and how?

Q.P.CODE:M102D011

Dr. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
FINAL M.B.B.S. PART – II - DEGREE EXAMINATION – DECEMBER, 2024

GENERAL MEDICINE

PAPER-II

(Theory Questions)

Time : 2 Hours 40 Minutes

Max. Marks : 80

Note : Answer all questions. Draw a neat diagram wherever necessary

SECTION-II (THEORY QUESTIONS - 80 MARKS)

WRITE ESSAY ON THE FOLLOWING:

2X15=30

- 1) A 25 year old male came to OPD with breathlessness, cough and chest tightness for 2 days. History of episodes of these symptoms present in the past. He is not on any regular medication.
Define asthma. Discuss pathophysiology, clinical features, investigations and management of bronchial asthma
- 2) 18 year old girl presented with history of an episode of seizures. On examination tongue bite presented, wetting of clothes noted.
Describe the types of epilepsy. Enumerate the causes of secondary generalized epilepsy. Discuss investigations, management of epilepsy.
Add a note on status epilepticus.

WRITE SHORT NOTES ON THE FOLLOWING:

10X5=50

- 3) Clinical manifestations and management of hookworm infestation
- 4) Discuss Madura foot
- 5) Describe clinical features and management of genital herpes simplex
- 6) Describe the management of malignant hypertension
- 7) Discuss in detail on atrial fibrillation
- 8) Sick sinus syndrome
- 9) Anti-depressant drugs
- 10) Scurvy
- 11) Trench foot
- 12) Role of a doctor as a healer

Q.P.CODE:M102D041

Dr. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
FINAL M.B.B.S. PART-II - DEGREE EXAMINATION – DECEMBER, 2024

OBSTETRICS & GYNAECOLOGY

PAPER-II

(Theory Questions)

Time : 2 Hours 40 Minutes

Max. Marks : 80

Note : Answer all questions

Draw a neat diagram wherever necessary

SECTION-II (THEORY QUESTIONS - 80 MARKS)

WRITE ESSAY ON THE FOLLOWING:

2X15=30

- 1) A 56 year old lady came with complaints of vulval pain and continuous itching. She reached menopause 6 years ago. Define menopause.

What are the symptoms of menopause. Mention the role of Hormone Replacement Therapy (HRT)

- 2) A 30 year old nullipara came with complaints of 20 weeks mass per abdomen with no ascites.

Write the differential diagnosis, and how to manage a case of ovarian tumor at this age group.

WRITE SHORT NOTES ON THE FOLLOWING:

10X5=50

- 3) Medical management of fibroid uterus
- 4) Levonorgestrel (LNGs)
- 5) Colposcopy
- 6) Hysteroscopy
- 7) Premalignant lesion
- 8) Support of uterus
- 9) Genital TB
- 10) Semen analysis
- 11) Syndromic approaches of STI
- 12) Evaluation of infertile couple of 10 years married life

Q.P.CODE:M102D040

Dr. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
FINAL M.B.B.S. PART-II - DEGREE EXAMINATION – DECEMBER, 2024
OBSTETRICS & GYNAECOLOGY

PAPER-I

(Theory Questions)

Time : 2 Hours 40 Minutes

Max. Marks : 80

Note : Answer all questions. Draw a neat diagram wherever necessary

SECTION-II (THEORY QUESTIONS - 80 MARKS)

WRITE ESSAY ON THE FOLLOWING:

- 1) A 30 year old primi gravida came with complaints of bleeding per vagina and pain in abdomen. No tenderness in the abdomen.

2X15=30

Mention the differential diagnosis and reason. Define Antepartum Hemorrhage (APH) and causes of APH. Explain management of 35 weeks pregnancy with abruptio placenta

- 2) A patient brought to obstetrics department with distension of abdomen, breathlessness immediately after delivery. She had history of post partum hemorrhage.

What are the causes for post partum hemorrhage. Define MMR. Enumerate the causes and discuss management of any one of them

WRITE SHORT NOTES ON THE FOLLOWING:

10X5=50

- 3) Hematological changes in pregnancy
- 4) Deep transverse arrest
- 5) Vaccination in pregnancy
- 6) Complications of anemia
- 7) Screening for GDM
- 8) Misoprostol in obstetrics
- 9) Conservative procedures for PPH
- 10) Puerperal pyrexia and puerperal sepsis
- 11) Neonatal jaundice
- 12) Function of placenta

Q.P.CODE:M102D021

Dr. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
FINAL M.B.B.S. PART-II - DEGREE EXAMINATION – DECEMBER, 2024

GENERAL SURGERY

PAPER-II

(Theory Questions)

Time : 2 Hours 40 Minutes

Max. Marks : 80

Note : Answer all questions. Draw a neat diagram wherever necessary

WRITE ESSAY ON THE FOLLOWING:

15

- 1) A 50 year old female attended to a clinic for routine check up. A palpable, firm and non tender mass is discovered in her left breast. She reports that she noticed the lump approximately two months ago. But hesitant to seek medical advice. She is post menopausal and her mammogram confirms the presence of 2 cms mass in left breast. Biopsy reveals invasive ductal carcinoma
 - A. Discuss diagnostic criteria of breast cancer
 - B. Describe the pathophysiology, management and prognosis of breast cancer
 - C. Discuss the importance of imaging and preventive aspects of breast cancer
- 2) A 40 year old male present OPD with persistent low back pain and progressive weakness in his legs over the past three months. His back pain is worse at night followed by stiffness in morning that improves with movement. Past history of irregularly treated pulmonary tuberculosis. On examination tenderness over lumbar spine and decreased strength in lower extremities. MRI shows destruction of L2 vertebra with para vertebral abscess formation.
 - A. What is the likely diagnosis
 - B. Describe the pathophysiology, management and complications of above condition

15

WRITE SHORT NOTES ON THE FOLLOWING:

10X5=50

- 3) Classify anorectal abscess. Describe clinical features and management of perianal abscess
- 4) Discuss clinical features and management of solitary thyroid nodule
- 5) Can patients choose to die? Can doctors assist to death? Explain the role of doctor
- 6) Discuss the clinical features and management of pseudo pancreatic cyst
- 7) Describe the clinical features and management of ureteric calculi
- 8) Galeazzi fracture
- 9) Describe complications of malunion and nonunion of fractures
- 10) Rickets – Etiopathogenesis and clinical features
- 11) Describe Volkman's Ischemic contracture. Discuss management
- 12) Clinical features and treatment of congenital talipes equinovarus

Q.P.CODE:M102D020

Dr. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
FINAL M.B.B.S. PART-II - DEGREE EXAMINATION – DECEMBER, 2024

GENERAL SURGERY

PAPER-I (Theory Questions)

Time : 2 Hours 40 Minutes

Max. Marks : 80

Note : Answer all questions. Draw a neat diagram wherever necessary

SECTION-II (THEORY QUESTIONS - 80 MARKS)

WRITE ESSAY ON THE FOLLOWING:

2X15=30

- 1) A 52 year old male smoker presented with a complaint of pain in the right leg while walking for a short distance and blackish discolouration of right 2nd toe.
 - a. What is the probable diagnosis?
 - b. Write in detail about the risk factors of peripheral vascular occlusive disease.
 - c. How will you differentiate TAO from atherosclerosis?
 - d. Write a management plan of peripheral vascular disease due to atherosclerosis.
- 2) A 34-year-old female, brought to the emergency department after accidentally fallen into wood fire while preparing dinner. She was immediately able to remove from the fire. Upon initial examination, she is anxious but is alert and oriented. The affected area includes both lower legs, with burn wounds covering approximately 25% of the total body surface area (TBSA), primarily on the anterior aspect of both legs.

Discuss assessment of burn wound, fluid resuscitation in burns and treatment of burn wound.

WRITE SHORT NOTES ON THE FOLLOWING:

10X5=50

- 3) Describe the different types of scars that can form after skin injury. What are the key characteristics that differentiate hypertrophic scars from keloid scars? What factors contribute to the formation of these different types of scars?
- 4) Surgical audit
- 5) Discuss the management of pain of malignant origin and pain of benign disease
- 6) Total parenteral nutrition
- 7) Discuss preoperative and operative problems in minimally invasive general surgery
- 8) Torsion of testis
- 9) Discuss leucoplakia clinical features, aetiology and management
- 10) Pleomorphic adenoma
- 11) Abdominal aortic aneurysm
- 12) Role of a surgeon as communicator

Q.P.CODE:M102D030

Dr. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
FINAL M.B.B.S. PART-II - DEGREE EXAMINATION – DECEMBER, 2024

PAEDIATRICS
(Theory Questions)

Time : 2 Hours 40 Minutes

Max. Marks : 80

Note : Answer all questions

Draw a neat diagram wherever necessary

SECTION-II (THEORY QUESTIONS - 80 MARKS)

WRITE ESSAY ON THE FOLLOWING:

2X15=30

- 1) A 3 year old boy from low socioeconomic background presented with three day history of loose stools and vomiting. There was no fever and other symptoms. On examination child was irritable and thirsty. Weight was 10 kgs. Vitals were normal and systemic examination was non contributory
 - A. Assess and classify dehydration
 - B. Plan fluid therapy for this child
 - C. Plan nutritional therapy for this child at the time of discharge
- 2) Etiology, clinical manifestations, complications and management of acute pyrogenic meningitis in infancy

WRITE SHORT NOTES ON THE FOLLOWING:

10X5=50

- 3) Define Nephrotic syndrome and treatment of minimal change disease in children
- 4) Clinical features of congenital hypothyroidism
- 5) Inactivated polio vaccine (IPV)
- 6) Causes of recurrent respiratory infection in children
- 7) Define Low birth weight (LBW) and mention the problems associated with LBW
- 8) Types and management of febrile seizure
- 9) Criteria for diagnosis of rheumatic fever
- 10) Advantages of breast feeding
- 11) PICA
- 12) Good prognostic features in ALL (acute lymphoblastic leukemia)



e-QPODS

(Electronic Question Paper Online Delivery System)

**Dr.NTR University of Health Sciences,
Vijayawada**



Home (Homemaster.aspx)	Question Paper Download (PrintQPNew.aspx)
Replaced Question (Print_rp_ques.aspx)	
Change Password (ChangePassword.aspx)	Logout (Logout.aspx)

Center Name : Dr. Pinnamaneni Siddhartha Institute of Medical Sciences,Gannavaram

Last Login :- 18-Dec-2024 [09:53:47 AM]

Welcome to QPODS

Welcome DR.D.ANUSHA - Dr.D.Naveen Chandra Rao

Home/ (Homemaster.aspx)Replaced Question

Amendment for Question

Sl.no	Subject	Confirmation Status	
1	FINAL MBBS PART-II -PAEDIATRICS - Paper-1 - M102D030	Not Confirmed	select

Sl.no	Replacement Qno	Wrong Question details	New Question details
1	2	Etiology, clinical manifestations, complications and management of acute pyrogenic meningitis in infancy	Etiology, clinical manifestations, complications and management of acute pyrogenic meningitis in infancy

☒ I confirm that the correction has been announced to the students

Submit