### M.D. Degree Examination, 66/05/2021

Time: 3 Hours

Max. Marks: 100

GENERAL MEDICINE
PAPER II : Systemic Medicine

Q.P. CODE: 6018

Your answer shall be specific to Question asked. Draw neat labelled diagrams wherever necessary. Answer all Questions

#### LONG ESSAYS

(2x20=40 Marks)

- 1) A 28 year old male presented with reduced appetite, recurrent oral ulcers and loss of weight since 6 months. He also complains of left knee pain, and change in frequency and character of stool. On examination he has a BMI of 17, left knee is inflamed and peripheral smear shows dimorphic anemia
  - a. What are the differential diagnosis
  - b. What are the investigation needed to arrive at a possible diagnosis
  - c. Describe the management of this patient
  - d. What are the Systemic manifestations expected
- 2) 32 year old female complains of low grade fever since 3 months, since 2 months she started developing breathlessness and edema of both her lower limbs. On examination mild icterus, pallor, with pitting pedal edema. CVS- JVP elevated, pansystolic murmur on the left sternal border which increases on inspiration. Abdomen reveals hepatosplenomegaly. Blood culture show staphylococcus aureus growth
  - a. What are the possible differential diagnosis
  - b. Short note on right sided endocarditis
  - c. Management and indication for surgery for endocarditis
  - d. Note of culture negative endocarditis

#### SHORT ESSAYS

- 3. Pathogenesis and treatment of cerebral malaria
- 4. IRIS
- 5. Cardiac resynchronization therapy
- 6. Role of biopsy in malabsorption syndrome
- 7. Nipah virus
- 8. Non typhoidal salmonella

## YENEPOYA (Decimed to be University) M.D. Degree Examination 08/05/2021

Time: 3 Hours

Max. Marks: 100

GENERAL MEDICINE

PAPER III : Infections Disease And Tropical Medicine

Q.P. CODE: 6019

Your answer shall be specific to Question asked. Draw neat labelled diagrams wherever necessary. Answer all Questions

#### LONG ESSAYS

(2x20=40 Marks)

- 1. A 28 year old female presented to the casualty with sudden onset of weakness of both lower limb of 2 days duration. She also has blurring of vision in both eyes. 1 year ago she had a similar episode of lower limb weakness and it recovered
  - spontaneously after 2 months.
  - i) Enumerate the signs that would help you in your diagnosis
  - ii) What are the differential diagnosis
  - iii) What are the investigation needed to arrive at a possible diagnosis
  - iv) Describe the management of this patient
- 32 year old female complains of fatigue, with rash over cheek which increases on exposure to sunlight, she also has arthralgia since 6 months Obstetric history – history 2 abortions.

Inv - Hb - 9gms. PLT- 90,000, TC- 4000, ANA +++

- i) Discuss diagnosis and criteria
- ii) Investigation and management of this condition
- iii) Short note APLA

#### SHORT ESSAYS

- 3. Use of Biologics in medicine
- 4. Approach to solitary pulmonary nodule
- 5. Meningioma
- 6. Obesity Hyoventilation syndrome
- 7. Erectile dysfunction
- 8. Secondary Hypertension

YENEPOYA (Deemed to be University)
M.D. Degree Examination 10/05/2021

Time: 3 Hours

Max. Marks: 100

GENERAL MEDICINE
PAPER N. Recent Advances

Q.P. CODE: 6020

Your answer shall be specific to Question asked. Draw neat labelled diagrams wherever necessary. Answer all Questions

#### LONG ESSAYS

(2x20=40 Marks)

 A 48 year old female , housewife was referred with a letter "pancytopenia under evaluation". She gives history of tiredness , weakness , anorexia and becoming breathless on effort , with unmeasured weight loss .

2014 – She was diagnosed to have Ca stomach and gastrectomy was done .On examination pallor was present. Mild jaundice, with pigmentation of the peripheries .Abdomen showed a 1 cm firm non tender palpable liver

- i) What are the differential diagnosis
- ii) Investigation and describe findings expected
- iii) Describe the management of this patient
- 2) A 60 yr old female complains of becoming overweight and has gained 10 kg in last 3 months, she noticed she fatiqued, feels depressed and also she has difficulty in climbing stair and getting up from her arm chair. On examination purplish stretch marks are seen on the abdomen and thighs, has a moon face with buffalo hump, with weakness of hip flexion.
  - i) Diagnosis and causes of this condition
  - ii) How to arrive and confirm the diagnosis
  - iii) Management of this condition

#### SHORT ESSAYS

- 3) Management of Anemia in CKD
- 4) Sick euthyroidism
- 5 Covid 19 management
- 6) Superior vena caval obstruction syndrome
- 7) Pyoderma gangernosum
- 8) Anxiety disorders

### YENEPOYA (Deemed to be University) M.D. Degree Examination, 04/05/2021

Time: 3 Hours

GENERAL MEDICINE Max. Marks: 100

#### PAPER I: Basic Sciences As Applied To Clinical Medicine

Q.P. CODE: 6017

Your answer shall be specific to Question asked. Draw neat labelled diagrams wherever necessary. Answer all Questions

#### LONG ESSAYS

(2x20=40 Marks)

1) A 25 year construction worker was brought to the casualty in a confused state, he was working in the hot afternoon sun. He was dehydrated, pulse was low volume, urine output was reduced. His body temperature was 40 degree Celsius.

a. Discuss the Differential diagnosis in a patient with elevated core body temperature and note on the difference between hyperpyrexia and hyperthermia

- b. Discuss Heat related illness
- c. Investigation and management of this condition.
- 2) A 36 yr old Male says he being overweight since she was a teenager and now has been found to be diabetic. His BMI- 40 kg/m2, waist -110 cm
  - a. Discuss the systemic effects of obesity
  - b. Drugs used in treatment of obesity
  - c. Note on Bariatric surgery: its indications, types, complication

#### SHORT ESSAYS

- 3. Venous drainage of brain
- 4. SA node potential and drugs acting on It
- 5. Uric acid metabolism with site of action of drugs which lower uric acid level
- 6. Gram negative bacilli
- 7. Pharmacogenomics
- 8. Total parenteral nutrition

### YENEPOYA [DEEMED TO BE UNIVERSITY] M.D. Degree Examination, April 2019

Time: 3 hours

Max. Marks: 100

### GENERAL MEDICINE Paper - IV (Recent advances)

Q.P. CODE: 6020

Your answer shall be **specific** to questions asked. Draw neat and labelled diagrams **wherever** necessary. Answer **all** questions

#### I. LONG ESSAYS :

(2x20=40 Marks)

- 1) Describe in detail management guidelines for stroke.
- 2) Enumerate the causes for risk factors, pathophysiology, clinical features and management of Heart failure with preserved ejection fraction (HFpEF)

#### II. SHORT ESSAYS:

- 3) Survival analysis
- 4) Syndrome Z
- 5) Vaptans
- 6) Cardiac biomarkers
- 7) Newer asthma therapies
- 8) MRI value of FLAIR images and diffusion studies

### YENEPOYA [DEEMED TO BE UNIVERSITY] M.D. Degree Examination, April 2019

Time: 3 hours Max. Marks: 100

#### GENERAL MEDICINE

Paper - III (Infections Disease and Tropical Medicine)

Q.P. CODE: 6019

Your answer shall be **specific** to questions asked. Draw neat and labelled diagrams **wherever** necessary. Answer **all** questions

#### I. LONG ESSAYS:

(2x20=40 Marks)

- 1) Describe four emerging viral infections which could be life threatening.
- 2) Describe approach to and management of Drug Resistant Tuberculosis under the national programme.

#### II. SHORT ESSAYS:

- 3) Dengue Shock Syndrome
- 4) Approach to Diarrhoea in HIV positive patient
- 5) Newer Antimalarial agents
- 6) Viper bite
- 7) Leptospirosis diagnosis
- 8) Mucormycosis

## YENEPOYA [DEEMED TO BE UNIVERSITY] M.D. Degree Examination, June 2020

Time: 3 hours

Max. Marks: 100

#### GENERAL MEDICINE

Paper - III (Infections Disease and Tropical Medicine)

Q.P. CODE: 6019

Your answer shall be **specific** to questions asked. Draw neat and labelled diagrams **wherever** necessary. Answer **all** questions

#### I. LONG ESSAYS:

(2x20=40 Marks)

- 1) Describe pathophysiology, clinical features and management of complicated malaria.
- 2) Describe clinical features, diagnosis of HIV associated tuberculosis and management.

#### II. SHORT ESSAYS:

- 3) Describe clinical features of Influenza and management.
- 4) Adult Immunization.
- 5) Scorpion Bite
- 6) Cardiotoxic poisons seen in tropics
- 7) Brucellosis
- 8) Necrotizing Fascitis.

## YENEPOYA (Deemed to be University) M.D. Degree Examination, June 2020

Time: 3 hours

Max. Marks: 100

#### GENERAL MEDICINE

Paper - IV (Recent advances)

Q.P. CODE: 6020

Your answer shall be **specific** to questions asked.

Draw neat and labelled diagrams **wherever** necessary.

Answer **all** questions

#### I. LONG ESSAYS:

(2x20=40 Marks)

- 1) Discuss current Lipid management guidelines.
- 2) Discuss aetiology, clinical features diagnosis and management of Delirium.

#### II. SHORT ESSAYS:

- 3) Chemotherapy of lung cancer.
- 4) Management of a patient after kidney transplantation.
- 5) Describe characteristic features of a good clinical trial.
- 6) Survival sepsis campaign.
- 7) Inotropes.
- 8) Brain natriuretic polypeptide in clinical practice.

#### M.D. Degree Examination, April 2018

Time: 3 Hours Max. Marks: 100

#### GENERAL MEDICINE Paper – II

Q.P.CODE: 6018

Your answer shall be **specific** to question asked.

Draw neat labelled diagrams **wherever** necessary.

Answer **all** questions.

#### I. LONG ESSAYS:

(2x20=40 Marks)

- 1) Clinical features and management of pyogenic meningitis.
- Aetiology, clinical features and complications and management of atrial fibrillation.

#### II. SHORT ESSAYS:

- 3) Hepatic encephalopathy
- 4) Abdominal tuberculosis
- 5) Pyrexia of Unknown Origin (PUO)
- 6) Classification of antiarrhythmic drugs and their (Cardiac drugs) side effects.
- 7) Complete heart block.
- 8) AIDS defining diseases.

#### M.D. Degree Examination, April 2018

Time: 3 Hours Max. Marks: 100

#### GENERAL MEDICINE

Paper - I

Q.P. CODE: 6017

Your answer shall be **specific** to question asked.

Draw **neat** labelled diagrams **wherever** necessary.

Answer **all** questions.

#### I. LONG ESSAYS:

(2x20 = 40 Marks)

- 1. Clinical features and management of snake bite.
- 2. Aetiology clinical features and management of hyperkalemia (K+) and hypokalemia.

#### II. SHORT ESSAYS :

- 3. SA node dysfunction.
- 4. Gram stain.
- 5. Diagnosis of diabetes in pregnancy and its complications.
- 6. Pre anaesthetic evaluation to identify high cardiac risk.
- 7. Genetic counselling.
- 8. ECHO finding in Mitral Stenosis.

### YENEPOYA [DEEMED TO BE UNIVERSITY] M.D. Degree Examination, April 2019

Time: 3 hours

Max. Marks: 100

#### GENERAL MEDICINE

Paper - I (BASIC SCIENCES AS APPLIED TO CLINICAL MEDICINE)

Q.P. CODE: 6017

Your answer shall be **specific** to questions asked.

Draw neat and labelled diagrams **wherever** necessary.

Answer **all** questions

#### I. LONG ESSAYS:

(2x20=40 Marks)

- 1) How will you approach a case of nosocomial fever? Describe what measures will be taken to prevent 4 nosocomial infections.
- 2) Enumerate the causes of chronic breathlessness and cough. Describe aetiopathology of respiratory failure.

#### II. SHORT ESSAYS:

- 3) Anatomy of mediastinum and superior venacava syndrome
- 4) Medical negligence
- 5) Management of alcohol related nutritional deficiencies.
- 6) Phase III clinical trial.
- Immune complications of blood transfusion & diagnosis and management.
- 8) Cerebral malaria pathophysiology.

### M.D. Degree Examination, April 2018

Time: 3 Hours Max. Marks: 100

### Paper – IV Q.P. CODE : 6020

Your answer shall be **specific** to question asked. Draw **neat** labeled diagrams **wherever** necessary.

Answer **all** questions.

#### I. LONG ESSAYS :

(2×20=40 Marks)

- Etiology, C/F and Management of Addison's disease. Add a note on adrenal crisis.
- 2) Hereditary Hemolytic Anaemias.

#### II. SHORT ESSAYS:

- 3) Renal replacement therapy.
- 4) Acute myeloid leukemia.
- 5) Diabetic neuropathy classification and management.
- 6) Hashimoto's thyroiditis.
- 7) Erythema nodosum.
- 8) Obsessive Compulsive disorder.

### M.D. Degree Examination, April 2018

Time: 3 Hours Max. Marks: 100

### GENERAL MEDICINE Paper – III

Q.P.Code: 6019

Your answer shall be **specific** to question asked. Draw **neat** labeled diagrams **wherever** necessary.

Answer **all** questions.

#### I. LONG ESSAYS

(2×20=40 Marks)

- 1) Management of Acute Respiratory Distress Syndrome (ARDS).
- 2) Diagnosis, C/F and treatment of stroke in young.

#### II. SHORT ESSAYS

- 3) Sjogern's syndrome
- 4) Drugs in Rheumatoid Arthritis
- 5) Vitamins B<sub>2</sub>
- 6) Hypoxic encephalopathy
- 7) Osteoporosis diagnosis and management
- 8) Secondary syphilis.

### **GENERAL MEDICINE**

Paper - II (Systemic Medicine)

QP Code: 6018

Exam Date: 25-Apr-22 10:00 AM

Time: 3 Hrs

Your answers should be specific to the questions asked. Draw neat labelled diagrams wherever necessary.

SHORT ESSAYS

(10x10=100)

- 1. Microvascular angina (Cardiac syndrome X)
- 2. Pulmonary rehabilitation
- 3. Hyperosmolar hyperglycaemic syndrome
- Neutropenic Enterocolitis
- Light chain-associated renal disorders
- 6. Myelodysplastic syndromes
- 7. Avascular necrosis
- 8. Cerebral Salt-Wasting Syndrome
- 9. Geriatric psychiatry
- 10. Palliative pain management

no Correction

Max Marks: 100

### GENERAL MEDICINE

Paper - III (Infections Disease and Tropical Medicine)

QP Code: 6019

Exam Date: 27-Apr-22 10:00 AM

Time: 3 Hrs

Your answers should be specific to the questions asked. Draw neat labelled diagrams wherever necessary.

SHORT ESSAYS

(10x10=100)

LBHARF

Max Marks: 100

- Management of poisonous snake bite in India
- 2. Acetaminophen Toxicity
- 3. Scrofuloderma
- 4. Post exposure prophylaxis for HIV .
- 5. Covid-19 vaccines .
- 6. Classify UTI syndromes. Write a note on Asymptomatic bacteruria
- 7. Hydatid disease
- 8. Scrub typhus
- 9. Antibiotic stewardship

10. Ventilator associated pneumonia

no lorrections

#### **GENERAL MEDICINE**

Paper - IV (Recent advances

QP Code: 6020

Exam Date: 29-04-2022 09:30

Time: 3 Hrs

Your answers should be specific to the questions asked. Draw neat labelled diagrams wherever necessary.

#### SHORT ESSAYS

(10x10=100)

Max Marks: 100

- 1. Describerecent advances in treatment of coronary artery disease.,
- 2. Describe Newer drugs in treating insomnia including daridorexant
- 3. In clinical trials what are phases of clinical testing(Phase 0 to phase IV)
- Descrine gene therapy for genetic disorders of the haemoglobin including sickle cell disease and thalassemias.
- 5. Delamanid
- 6. Discuss recent advances in stroke management and residual challenges.
- 7. Themicrobiome in SLE pathogenesis.
- Discuss new approaches along the IBD course,including diet,tight control and stem cells. Discuss proactive serial monitoring of inflammatory biomarkers.
- Cardiac injury and COVID-19 associated coagulopathy in patients with acute SARS CoV-2 pneumonia
- 10. Immunologics for migrane prophylaxis.

YENEPOYA (Deemed to be university)
M.D. Degree Examination, 09.11.2020

Time: 3 Hours

Max. Marks: 100

#### GENERAL MEDICINE

PAPER I: Basic Sciences As Applied To Clinical Medicine

Q.P. CODE: 6017

Your answer shall be specific to Question asked. Draw neat labelled diagrams wherever necessary. Answer all Questions

#### LONG ESSAYS

(2x20=40 Marks)

- 1. A 25 year old Army major posted in ladakh accidentally fell into the Galwan River, and was rescued after 20 minutes. He was cold; skin pale with depressed consciousness, there was bradycardia and hypotension. His temperature recorded using a low reading thermometer shows 28 degree Celsius.
  - a. Physiology of temperature regulation and the response of the human body to hot and cold environment
  - b. Investigations and management of this patient
  - c. Note of illnesses of high altitude
- 2. A 36yr old female says she's being overweight since she was a teenager and now has been found to be diabetic . Her BMI- 40 kg/m2, waist 110 cm
  - a. Discuss the systemic effects of obesity
  - b. Pharmacological management of obesity , and how can this patient be managed
  - c. Note on potential reversible causes of obesity

#### SHORT ESSAYS

- 3. Cross section of medulla and short note on any 2 brainstem syndromes
- 4. Conducting system of heart and drugs acting on it
- 5. Heme synthesis and note on Acute intermittent Porphyria
- 6. Flow cytometry
- 7. Pharmacogenetics
- 8. Metabolic alkalosis



### YENEPOYA (Deemed to be University) M.D. Degree Examination, 11.11.2020

Time: 3 Hours

Max. Marks: 100

### GENERAL MEDICINE PAPER II: Systemic Medicine

Q.P. CODE: 6018

Your answer shall be specific to Question asked.

Draw neat labelled diagrams wherever necessary.

Answer all Questions

#### LONG ESSAYS

(2x20=40 Marks)

- 1. 48 yr old migrant worker from Bihar presented with low grade fever associated with chills and rigor for 1 month duration .o/e patient conscious , massive splenomegaly, moderate hepatomegaly, Inv Hb 7, Tc- 2100, DC- p-40, L-40, M-20, PLT-50,000
  - a) what's your differential diagnosis
  - b) elaborate on two of the differentials
  - c) how will you investigate
  - d) whats is your management
- 2. 21 yr old female complains of 6 months of alteration in bowel habits , she complains of passing blood is stool , with a frequency of 5-6 per day , since last 2 weeks her symptoms have worsened and she has tenesmus o/e pallor present Pulse rate 104/min , BP-100/60 mmhg ,Temp 38.6 Per abdomen mild generalized tenderness

Inv: Hb-10 ,  $PLT-600,\!000$  ,  $ESR-80\,$  , CRP-8.9 , s.  $albumin-3.2\,$ 

- a) What are your differentials diagnosis
- b) How to differentiate between small bowel and large bowel diarrhea.
- c) What are the extra intestinal manifestation possible in this condition
- d) How will you manage this case

#### SHORT ESSAYS

(6x10= 60 Marks)

- 3. Laboratory diagnosis of enteric fever
- 4. Diffuse infiltrative lymphocytosis syndrome
- 5. Pacemaker; types, indications, complications
- 6. Mucormycosis
- 7. Non Cirrhotic portal hypertension
- 8. Pathogenesis of tetanus

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YENEPOYA (Deemed to be University)
M.D. Degree Examination, 13, 11.2020

Time: 3 Hours

Max. Marks: 100

### GENERAL MEDICINE PAPER III: Infections Disease And Tropical Medicine

Q.P. CODE: 6019

Your answer shall be specific to Question asked. Draw neat labelled diagrams wherever necessary. Answer all Questions

#### LONG ESSAYS

(2x20=40 Marks)

- A 42 year old female presented with complains of double vision more marked in the evening for the last 3 months, she noticed difficulty in holding her head up again more in the evening, she has difficulty in finishing meals and her husband has noticed her voice has become quieter.
  - i) Enumerate the signs that would help you in your diagnosis
  - ii) What are the differential diagnosis
  - iii) What are the investigation needed to arrive at a possible diagnosis
  - iv) Describe the management of this patient and complications
- 2. 32 year old male came with complains of painful ,swollen right knee since the last 24 hr, no history of trauma, no history of previous joint problems. He is a business man and returned 3 weeks ago from Thailand. On examination he is febrile, both his eyes are congested, his right knee is swollen, hot and tender with limitation of movement.
  - i) Discuss the differential diagnosis
  - ii) Approach to acute monoarthritis
  - iii) management of this condition

#### SHORT ESSAYS

- 3. Biosimilars
- 4. Allergic bronchopulmonary aspergillosis
- 5. Non motor manifestation of parkinsonism and management of parkinsons disease
- 6. Approach to Hypoxia
- 7. Phosphodiesterase-5 inhibitors
- 8. Osteoporosis current concepts in management

### YENEPOYA (Deemed to be University) M.D. Degree Examination, 16.11.2020

Time: 3 Hours

Max. Marks: 100

### GENERAL MEDICINE PAPER IV: Recent Advances

Q.P. CODE: 6020

Your answer shall be specific to Question asked. Draw neat labelled diagrams wherever necessary. Answer all Ouestions

#### LONG ESSAYS

(2x20=40 Marks)

 A 58 year old Male, manual laborer complains of chronic back pain of 3 months duration with night pains, he complains of being fatigued. O/e he has pallor, no lymphadenopathy, no edema, no hepatosplenomegaly

Hb - 8gm/dl, Platelet – 150,000, Creatinine – 4, ALP - 100IU/L (20-140), Serum albumin – 2.2 gm, Serum globulin – 5 gm

- i) What are the differential diagnosis
- ii) Investigation and describe findings expected
- iii) Describe the management of this patient
- 2) A 30 yr old female complains of weight loss since 4 months she has lost 10 kg , she also complains of being anxious and stressed out. One examination, thyroid is palpable with thyroid bruit , tremor of hand present , Pulse rate-110 / min .
  - i) How to arrive and confirm the diagnosis
  - ii) Management of this condition and its complication
  - iii) Note on thyroid hormone synthesis

#### SHORT ESSAYS

(6x10=60 Marks)

- 3) Lupus nephritis and note on management
- 4) Subclinical hypothyroidism
- 5) Management of AML M3
- 6) CRISPR-Cas9
- 7) SGLT2 inhibitors in medicine
- 8) Renal cast and crystals

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### YENEPOYA [DEEMED TO BE UNIVERSITY] M.D. Degree Examination, June 2020

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Time: 3 hours Max. Marks: 100

### GENERAL MEDICINE Paper - I (BASIC SCIENCES AS APPLIED TO CLINICAL MEDICINE)

Q.P. CODE: 6017

Your answer shall be **specific** to questions asked.

Draw neat and labelled diagrams **wherever** necessary.

Answer **all** questions

#### I. LONG ESSAYS:

(2x20=40 Marks)

- 1) Discuss the Pathophysiology of Gestational diabetes, and various diagnostic criteria and complications.
- 2) Discuss and describe approach to a case of hypokalemia, complications and management.

#### II. SHORT ESSAYS:

- 3) Describe the blood supply of Heart. Describe in detail difference in Clinical presentation of Right and Left coronary arterial syndrome.
- 4) Describe Neural mechanism of REM sleep. Mention abnormalities of sleep related disorders.
- 5) Describe clinical features causes and treatment of Hypoalbuminemia.
- 6) Extended spectrum Beta lactamases.
- 7) Describe the genetics of inherited coagulation disorders
- 8) Describe mechanism of action of Metformin, side effects & beneficial effects.

## YENEPOYA [DEEMED TO BE UNIVERSITY] M.D. Degree Examination, June 2020

Time: 3 hours

Max. Marks: 100

### GENERAL MEDICINE Paper - II (Systemic Medicine)

Q.P. CODE: 6018

Your answer shall be **specific** to questions asked. Draw neat and labelled diagrams **wherever** necessary. Answer **all** questions

#### I. LONG ESSAYS:

(2x20=40 Marks)

- 1) Describe cardiomyopathies. Compare the clinical features and diagnosis
- 2) Discuss the clinical neurological syndromes of Central nervous system TB infection and management.

#### II. SHORT ESSAYS:

- 3) Osteoporosis
- 4) Palliative care of end stage renal disease.
- 5) Budd Chiari syndrome.
- 6) Promyelocytic Leukemia
- 7) Bronchial asthma management.
- 8) Evaluation of a newly diagnosed diabetic patient.

### YENEPOYA [DEEMED TO BE UNIVERSITY] M.D. Degree Examination, April 2019

Time: 3 hours Max. Marks: 100

### GENERAL MEDICINE Paper - II (Systemic Medicine)

Q.P. CODE: 6018

Your answer shall be **specific** to questions asked. Draw neat and labelled diagrams **wherever** necessary. Answer **all** questions

#### I. LONG ESSAYS:

(2x20=40 Marks)

- 1) Describe in detail secondary hypertension and management.
- 2) Discuss the etio-pathogenesis, clinical features, complications, diagnosis, and treatment of Ankylosing spondylitis.

#### II. SHORT ESSAYS:

- 3) Hemolytic uremic syndrome
- 4) Approach to Interstitial Lung disease
- 5) Henoch Schonlein purpura
- 6) SGLT-2 inhibitors.
- 7) Alzheimer's disease management
- 8) Breaking bad news.

### YENEPOYA (DEEMED TO BE UNIVERSITY) M.D DEGREE EXAMINATION - DECEMBER 2023 SESSION

**GENERAL MEDICINE PAPER** 

QP Code: 6018

Exam Date: 07-12-2023 10:00

Time: 3 Hrs

Max Marks: 100

Systemic Medicine

Your answers should be specific to the questions asked. Draw neat labelled diagrams wherever necessary.

#### SHORT ESSAY

(10x10=100Marks)

- Discuss aetiology, clinical features, investigations, and management in a case of Aortic dissection
- Discuss classification, aetiology, clinical features, investigations, and treatment in a patient with interstitial lung disease.
- Discuss Hypertensive Emergencies. Tabulate preferred parenteral drugs for selected Hypertensive Emergencies,
- 4. Classify Haemolytic Anaemia. Discuss in detail Hereditary Spherocytosis
- 5. SGLT-2 inhibiters in clinical practice
- 6. Discuss etiopathogenesis and management of Autoimmune Hepatitis
- 7. Psoriatic Arthropathy
- Algorithm depicting assessment and management of delirium in hospitalized older patients
- 9. Lupus Nephritis
- 10. Discuss the pathophysiology and management of Parkinson's' disease.

### YENEPOYA (DEEMED TO BE UNIVERSITY) M.D DEGREE EXAMINATION - DECEMBER 2023 SESSION

GENERAL MEDICINE PAPER QP Code: 6019

Exam Date: 09-12-2023 10:00

Time: 3 Hrs

Max Marks: 100

Infections Disease and Tropical Medicins

Your answers should be specific to the questions asked. Draw neat labelled diagrams wherever necessary.

#### SHORT ESSAY

(10x10=100Marks)

- Discuss diagnosis of Latent TB infection. Discuss current indications and newer regimes of treatment of Latent TB infection.
- 2. Discuss briefly the phases of Dengue Fever. Discuss management of a patient with confirmed Dengue Fever with a systolic blood pressure of 80 mm Hg.
- 3. Discuss causes of acute undifferentiated fever in the tropical regions. Outline examination findings of relevance in patients with acute undifferentiated fevers.
- 4. A patient with chronic hepatitis B infection has a HBV DNA of 50000 international units /ml, is HBeAg positive and has ALT level of 80 IU/L, without evidence of cirrhosis. Discuss management.
- 5. Discuss types of COVID-19 vaccines with their protective efficacy. Discuss emerging role of booster doses of COVID-19.
- Discuss differential diagnosis of fever, headache and altered sensorium in a
  patient with HIV disease with CD4 count of 150 cells/ul. Discuss management of
  cryptococcal meningitis.
- Discuss infection control practices for prevention of catheter-associated UTI and central line associated blood-stream infections.
- 8. What is antimicrobial stewardship and why is it important? Discuss concepts of pre-authorisation and prospective audit and feedback.
- A 35 year old patient presents with recurrent seizures and headache.MRI shows 8 viable cysts with visible scolex and surrounding edema. Ocular examination shows no cysticerci. Discuss management.
- 10. Discuss causes and diagnosis of ventilator associated pneumonia. How will you treat a patient with extensively drug resistant Acinetobacter spp. Infection.

## YENEPOYA (DEEMED TO BE UNIVERSITY) M.D DEGREE EXAMINATION - DECEMBER 2023 SESSION

GENERAL MEDICINE PAPER - IV

QP Code: 6020 \* YEN

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Exam Date: 11-12-2023 10:00

Time: 3 Hrs

Max Marks: 100

Recent Advances

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

#### SHORT ESSAY

(10x10=100Marks)

- 1. Describe applications of Stem Cells in Clinical Medicine.
- 2. Describe non-invasive modalities for diagnosis of coronary artery disease with special reference to nuclear imaging.
- 3. Monoclonal antibodies in Medicine
- 4. MELD Na Score
- 5. Pathophysiology, clinical features and management of sleep disorders.
- 6. Bronchoscopic Lung Volume reduction
- 7. Microbial Bioterrorism
- 8. Pharmacological management of obesity
- 9. Newer insulins
- 10. Rivaroxaban

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PAPER - I -BASIC SCIENCES AS APPLIED TO CLINICAL MEDICINE

Exam Date: 01-07-2023 10:00

Time: 3 Hrs

QF-Code: 6017

Max Marks: 100

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

#### SHORT ESSAYS

(10x10=100 Marks)

- Draw the course of recurrent laryngeal nerve and write a note on its applied anatomy
- Calcium metabolism and kidney
- 3. Bilirubin metabolism
- Angiotensin Receptor-Neprilysin Inhibitors
- Severe combined immunodeficiency
- Role of lymphnode biopsy in clinical medicine
- Thiamine deficiency
- 8. Mediterranean diet
- 9. Renal tubular acidosis
- Drug induced dyselectrolytemia

Exam Date: 03-07-2023 10:00

Time: 3 Hrs

Max Marks: 100

# Paper – II (Systemic Medicine) QP Code: -6022-

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

#### SHORT ESSAYS

(10x10=100 Marks)

- 1. Enumerate tachyarrhythmias and write a note on Atrial fibrillation
- 2. Pulmonary eosinophilic disorders
- 3. Neurologic disorders in critical illness
- 4. Irritable bowel syndrome
- 5. Nephrolithiasis
- 6. Enumerate Myeloproliferative disorders and write a note on Polycythemia Vera
- 7. Male infertility
- 8. Preventive cardiology
- 9. End of life care in a hospitalized patient
- 10. Hemophagocytic lymphohistiocytosis

No Corrections

Exam Date: 05-07-2023 10:00

Time: 3 Hrs

Max Marks: 100

#### GENERAL MEDICINE

Paper - III (Infections Disease and Tropical Medicine)

QP Code: 6019

Your answers should be specific to the questions asked. Draw neat labelled diagrams wherever necessary.

#### SHORT ESSAYS

(10x10=100 Marks)

- 1. Management of scorpion bite in India
- 2. Narcotic overdosage
- 3. HIV associated tuberculosis
- 4. Cryptococcal meningitis
- 5. Influenza vaccines
- 6. Infection in transplant recepients
- 7. Toxoplamosis
- 8. Aspergillosis
- 9. Catheter associated urinary tract infection
- 10. Sepsis bundles

Exam Date: 08-07-2023 10:00

Time: 3 Hrs

Max Marks: 100

GENERAL MEDICINE

Paper + IV (Recent advances)

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

#### SHORT ESSAY

(10x10=100 Marks)

- 1. ESC guidelines 2022 for hypertension
- 2. ADA guidelines 2023 for Diabetes Mellitus
- 3. Bembedoic acid
- 4. Nintedanib
- 5. Emerging therapeutic strategies in septic shock
- 6. Newer diagnostic tests for Alzheimer's disease
- 7. Public health surveillance
- 8. Internet addiction
- 9. Area under curve (AUC)
- 10. Novel biomarkers in kidney diseases

GENERAL MEDICINE
Paper – I (BASIC SCIENCES AS APPLIED TO CLINICAL MEDICINE

QP Code: 6017

Exam Date: 23-Apr-22 10:00 AM

Time: 3 Hrs

Max Marks: 100

Your answers should be specific to the questions asked. Draw neat labelled diagrams wherever necessary.

**Short Essays** 

(10x10=100)

- Trace the course of facial nerve and write brief notes on the applied anatomical aspects of each part.
- 2. Explain the applied physiology of thyroid hormone synthesis in detail.
- 3. Calcium metabolism
- 4. SGLT2 inhibitors
- 5. Life cycle of Falciparum malaria
- 6. Role of bone marrow studies in the evaluation of anemia
- 7. Medical nutritional therapy for kidney disorders
- 8. Cachexia
- 9. Periodic paralysis
- 10. Drug induced dyselectrolytemia

no forrections