

Exam. Code: 0608

Sub. Code: 4539

1129

M.B.B.S.-3rd Prof. (Part-II)

Paper-B: Obstetrics and Gynaecology

Time allowed: 3 Hours

Max. Marks: 40

NOTE:

Attempt all questions.

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PART-I

- I. (a) Give out flow chart of syndromic approach in management of vaginal discharge.
- (b) Various degenerative changes in Licomymauterus (5+5)
- II. (a) Write short notes on: -
- (i) Bartholinabscess
- (ii) Pyometra
- (b) How will you investigate a case of primary infertility? (5+5)

PART-II

- III. (a) FIGO staging of carcinoma cervix. (5+5)
- (b) Diagnosis and treatment of Hydatidiform mole.
- IV. (a) Investigation and treatment of puberty menorrhagia. (5+5)
- (b) Describe various cervical biopsy.

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Exam. Code: 0608
Sub. Code: 4540

1129
M.B.B.S.-3rd Prof. (Part-II)
Paper: Paediatrics

Time allowed: 3 Hours

Max. Marks: 40

NOTE:

Attempt all questions.

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PART-I

- I. Define infant mortality rate. Enumerate the common causes of infant mortality in India. (5+5)
- II. Write short notes on: -
(a) SAM (Severe Acute Malnutrition) : definition
(b) Vitamin A deficiency: Clinical stages (2½+2½)
- III. Write short notes on: -
(a) Danger signs in a neonate
(b) Problems of low birth weight (LBW) babies (2½+2½)

PART-II

- IV. Discuss the clinical features, complications and treatments of pyogenic in 7 years old child. (3+3+4)
- V. Write short notes on: -
(a) Treatment regimens of childhood pulmonary TB as per RNTCP guidelines.
(b) Chelation therapy in thalassemia major (3+2)
- VI. Write short notes on: -
(a) Clinical features of Devious syndrome
(b) Biochemical features of exudative pleural effusion (3+2)

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1129

M.B.B.S.-3rd Prof. (Part-II)

Paper-A: Obstetrics and Gynaecology

Time allowed: 3 Hours

Max. Marks: 40

NOTE:*Attempt all questions.*

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PART-I

- I. (a) Enumerate the causes of haemorrhage in early pregnancy. How will you manage a case of bleeding per vaginum at 12 weeks of gestation?
- (b) Enumerate the investigation for uncomplicated pregnancy. How will you screen for diabetes in pregnancy? (5+5)
- II. (a) Classify hypertensive disorders of pregnancy. Write the zero hour treatment of eclampsia.
- (b) Enumerate the principles in management of APH with placenta previa. (5+5)

PART-II

- III. (a) Classify and enumerate causes of maternal mortality.
- (b) WHO eligibility criteria for contraception. (5+5)
- IV. (a) Role of ultrasound in uncomplicated pregnancy in different trimester.
- (b) Enumerate maternal, foetal and placental causes of intrauterine growth restrictions. (5+5)

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MBBS - 3rd Prof (Part II)
Paper - B: Surgery

Time Allowed: 3 Hours Max Marks: 60

Note: Attempt all questions.
Use separate sheets for each part
Draw labeled diagrams wherever required.

Part I

I. Write causes, clinical presentation, diagnosis and treatment of Acute Pancreatitis (10)

II. Describe in brief:

- (a) Surgical Anatomy of Umbilicus and its significance in laparoscopic surgery.
- (b) Clinical presentation, diagnosis and treatment of cervical tubercular lymphadenitis in young adult male. (2x6)

III. Write short notes on:

- (a) Surgical Anatomy of Neck
- (b) Cholangitis
- (c) Polycystic Kidneys
- (d) Familial Adenomatous Polyposis (4x2)

Part II

Discuss various causes of dysphagia. Discuss management of Achalasia cardia.
I. Write etiology, clinical presentation, diagnosis and treatment of Thyroid tumors. (10)

II. Write in brief:

- (a) Liver Abscess
- (b) Testicular Tumors (2x6)

III. Write short notes on:

- (a). Aromatase Inhibitors in Breast Cancer.
- (b) Laparoscopic view of the Inguinal area
- (c) Fistula-in Ano
- (d) Breast Abscess (4x2)

1129
M.B.B.S.-3rd Prof. (Part-I)
Paper: E.N.T.

Time allowed: 3 Hours

Max. Marks: 40

NOTE:

Attempt all questions. Use separate sheets for Part-I and II. Draw labeled diagram where necessary.

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PART-I

- I. Describe the etiology, clinical features and management of Otospongiosis (Otosclerosis). (6)
- II. Write short notes on: -
(a) Functional Endoscopic Sinus Surgery (FESS) (4+4)
(b) Impedance Audiometry
- III. Draw a labeled diagram of: -
(a) Indirect Laryngoscopy (3+3)
(b) Little's Area

PART-II

- IV. Describe the etiology, clinical features and management of carcinoma of Maxillary Sinus (T₃ N₀ M₀). (6)
- V. Write short notes on: -
(a) Secretory (Serous) Otitis Media (4+4)
(b) Post-operative care of a patient underwent tracheostomy
- VI. Enumerate the causes of: -
(a) Bleeding from nasal cavity (3+3)
(b) Lower Motor Neurone Facial Nerve Palsy

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Exam. Code: 0607
Sub. Code: 4532

1129
M.B.B.S.-3rd Prof. (Part-I)
Paper: Ophthalmology

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt all questions. Use separate sheets for Part-I and II.

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PART-I

- I. Write clinical features and management of Bacterial Corneal Ulcer. (4)
- II. Sympathetic ophthalmia (4)
- III. Management of primary angle close glaucoma (4)
- IV. Hypermetropia and its management (4)
- V. Allergic conjunctivitis (4)

PART-II

- VI. Eye banking (4)
- VII. Chronic dacryocystitis and treatment (4)
- VIII. Acute anterior uveitis (4)
- IX. Antiviral drugs (4)
- X. Congenital ptosis (4)

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1129
M.B.B.S.-3rd Prof. (Part-II)
Paper-A: Surgery

Time allowed: 3 Hours

Max. Marks: 60

NOTE: Attempt all questions.

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PART-I

- I. A 23 years male is brought to the emergency department with an alleged history of fall from a height of 25 feet. He looks pale with systolic blood pressure of 96mm Hg. His heart rate is 112/minute and respiratory rate is 26 per minute. How will you proceed with the treatment of this injured patient? (10)
- II. Describe in brief: -
- (a) Universal precautions in healthcare facility
 - (b) Methods of diagnosis and treatment options for non-pulmonary tuberculosis (2×6)
- III. Write short notes on: -
- (a) Lymphatic drainage of breast and its importance in breast cancer.
 - (b) Carbuncle
 - (c) Role of surgery in a patient with Idiopathic Thrombocytopenia (ITP)
 - (d) Lipoma (4×2)

PART-II

- IV. Classification of bone tumours? Alongwith clinical and radiological features of osteosarcoma and its management. (10)
- V. Write short notes on: -
- (a) Supracondylar fracture of humerus
 - (b) Ulnar nerve palsy
 - (c) Management of rickets
 - (d) CTEV (4×5)

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1129
M.B.B.S.-3rd Prof. (Part-I)
Paper-B: Community Medicine

Time allowed: 3 Hours

Max. Marks: 60

NOTE: Attempt all questions. Use separate sheets for Part-I and II.

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PART-I

- I. Write short notes on: -
- (a) Elements of Primary Health Care
 - (b) Planning Cycle (5+5)
- II. Describe briefly: -
- (a) Levels of Prevention
 - (b) Sensitivity & specificity of a screening test (5+5)
- III. Write short notes on: -
- (a) Secondary Attack Rate (S.A.R.)
 - (b) Odd's Ratio (5+5)

PART-II

- IV. Describe briefly: -
- (a) National Immunization Schedule
 - (b) Primary Prevention in Cancers (5+5)
- V. Write briefly on: -
- (a) Universal Health Coverage (U.H.C.)
 - (b) Rastriya Bal Swasthiya Karyakaram (R.B.S.K.) (5+5)
- VI. Write short notes on: -
- (a) Epidemiological determinants of viral hepatitis
 - (b) Primary factors in Road Traffic Accidents (5+5)

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1129

M.B.B.S.-3rd Prof. (Part-I)
Paper-A: Community Medicine

Time allowed: 3 Hours

Max. Marks: 60

NOTE: Attempt all questions. Use separate sheets for Part-I and II.

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PART-I

I. Write short notes on: -

(a) Determinants of health

(b) Types of disinfection

(5+5)

II. Describe briefly: -

(a) Nutritional Rehabilitation Centres (N.R.C)

(b) Phases of family cycle

(5+5)

III. Write short notes on: -

(a) Integrated Vector Management

(b) Rapid sand filter Vs Slow Sand Filter

(5+5)

PART-II

IV. Describe briefly: -

(a) Sickness absenteeism

(b) Principles of Health Education

(5+5)

V. Describe briefly: -

(a) Adolescent Reproductive & Sexual Health (ARSH)

(b) Chi Square Test

(5+5)

VI. Write short notes on: -

(a) Eugenics

(b) Functions of W.H.O.

(5+5)

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1129
M.B.B.S.-3rd Prof. (Part-I)
Paper-A: Community Medicine

Time allowed: 3 Hours

Max. Marks: 60

NOTE: Attempt all questions. Use separate sheets for Part-I and II.

- *_*_* -

PART-I

- I. Write short notes on: -
- (a) Determinants of health
 - (b) Types of disinfection (5+5)
- II. Describe briefly: -
- (a) Nutritional Rehabilitation Centres (N.R.C)
 - (b) Phases of family cycle (5+5)
- III. Write short notes on: -
- (a) Integrated Vector Management
 - (b) Rapid sand filter Vs Slow Sand Filter (5+5)

PART-II

- IV. Describe briefly: -
- (a) Sickness absenteeism
 - (b) Principles of Health Education (5+5)
- V. Describe briefly: -
- (a) Adolescent Reproductive & Sexual Health (ARSH)
 - (b) Chi Square Test (5+5)
- VI. Write short notes on: -
- (a) Eugenics
 - (b) Functions of W.H.O. (5+5)

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Nov - Dec - 2019

(Annual / Suppl.)

Exam. Code: 0608
Sub. Code: 4534

1129
M.B.B.S.-3rd Prof. (Part-II)
Paper-A: Medicine

Time allowed: 3 Hours

Max. Marks: 60

NOTE: Attempt all questions. Use separate sheets for Part-I and II.

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PART-I

- I. Discuss aetiology, clinical features, investigation and management of COAD.
(3+3+3+3)
- II. Write short notes on: -
- (a) Diagnosis and treatment of H. Pylori
 - (b) Congenital acyanotic heart disease
 - (c) Hemodialysis – indications
(3+3+3)
- III. Write short notes on: -
- (a) X-linked diseases
 - (b) Drugs used in idiopathic ulcerative colitis
 - (c) Management of congestive heart failure
(3+3+3)

PART-II

- IV. Discuss clinical features, predisposing factors, investigations and management of acute myocardial infarction.
(3+3+3+3)
- V. Write short notes on: -
- (a) Clinical features of CKD
 - (b) Differential diagnosis of arcetes
 - (c) Clinical features and management of pulmonary thromboembolism
(3+3+3)
- VI. Write short notes on: -
- (a) Rapidly progressive glomerulonephritis
 - (b) Complications of enteric fever
 - (c) Treatment of atrial fibrillation
(3+3+3)

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1129

M.B.B.S.-2nd Prof.

Paper-B: Microbiology

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt all questions. Use separate sheets for Part-I and II. Draw labeled diagrams whenever required.

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PART-I

- I. A 31 years old man from Bihar presented with moderate grade fever with chills & rigors, showing double rise in 24 hours from last 5 days. On examination, he was febrile with non-tender splenomegaly; bone marrow aspirate revealed pancytopenia, with amastigotes filled within a macrophage.
- What is the causative agent?
 - Describe its pathogenesis and clinical features.
 - Write its laboratory diagnosis. (1+4+3)

- II. Discuss in short: -
- Opportunistic infection in AIDS
 - Swine flu
 - Interferons (2+2+2)

- III. Write briefly on: -
- Dermatophytosis
 - Cryptococcosis
 - Sporotrichosis (2+2+2)

PART-II

- IV. Write briefly on: -
- Microfilaria
 - Complications of *P. falciparum* infection
 - Neurocysticercosis (2+2+2)

- V. Write short notes on: -
- Laboratory diagnosis of candidiasis
 - SDA
 - Mycotoxins (2+2+2)

- VI. Write short notes on: -
- Chikungunya fever
 - Prophylaxis for Hepatitis B
 - Congenital CMV infection
 - Viral gastroenteritis (2+2+2+2)

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1129

M.B.B.S.-2nd Prof.

Paper-A: Microbiology

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt all questions. Use separate sheets for Part-I and II. Draw labeled diagrams whenever required.

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PART-I

- I. A 27 year old male patient with history of stab wound, 4-5 days later developed trismus followed by muscle pain, stiffness, back pain and difficulty in swallowing. Progressively painful muscular spasms became generalised leading to descending type of spastic paralysis. In later stage, the patient assumed typical opisthotomis position of the body.
- (a) What is the diagnosis of this clinical condition?
 - (b) Describe pathogenesis of the causative agent.
 - (c) Write its laboratory diagnosis in brief.
 - (d) Write a note on its prophylaxis. (1+2+3+2)
- II. Discuss briefly: -
- (a) Growth curve
 - (b) Mechanism of drug resistance (3+3)
- III. Write short notes on: -
- (a) Graft Vs Host disease
 - (b) Immunofluorescence
 - (c) Alternate pathway of complement (2+2+2)

PART-II

- IV. Describe in brief: -
- (a) Laboratory diagnosis of enteric fever
 - (b) Atypical mycobacteria (4+4)
- V. Discuss briefly:-
- (a) Cold sterilization
 - (b) PCR
 - (c) Beneficial role of commensal nonsporing anaerobes (2+2+2)
- VI. Discuss in short: -
- (a) Pneumococcal vaccine
 - (b) Weil's disease
 - (c) Primary syphilis (2+2+2)

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1129

M.B.B.S.-2nd Prof.

Paper-B: Pharmacology

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt all questions. Use separate answer book for Part-I and II. Attempt questions in a serial order and in continuation.

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PART-I

- I. Discuss briefly the drug treatment of: -
- (a) New case of pulmonary tuberculosis
 - (b) PSVT (Paroxysmal supra-ventricular tachycardia)
 - (c) Multi-bacillary leprosy (3×2)
- II. Write short notes of: -
- (a) Direct thrombin inhibitors
 - (b) DPP-4 (Dipeptidyl Peptidase Inhibitors)
 - (c) Role of artemisinin derivatives in treatment of malaria (3×2)
- III. Explain the pharmacological basis of use of: -
- (a) Carbimazole for hyperthyroidism
 - (b) Bisphosphonates for osteoporosis
 - (c) Fibrates for hypertriglyceridemia
 - (d) Oxytocics to induce labour (4×2)

PART-II

- IV. Describe briefly: -
- (a) Protease inhibitors
 - (b) Mifepristone
 - (c) Therapeutic uses of ACE-inhibitors (3×2)
- V. Discuss pharmacological basis of use of:-
- (a) Nitrates in angina pectoris
 - (b) Calcium channel blockers in hypertension
 - (c) Abciximab as an anti-platelet drug (3×2)
- VI. Describe briefly:-
- (a) Vitamin-D
 - (b) Vancomycin
 - (c) Echinocandins
 - (d) Therapeutic uses and adverse drug reactions of fluoroquinolones (4×2)

- * - * -

(2)

V. Answer as directed:-

- a) Give the clinical features of Aluminium Phosphide poisoning
- b) Doctrine of Respondet Superior
- c) Define Rape as per Section 375 IPC

(3x2)

VI. Differentiate between:-

- a) Strychnine Poisoning and Tetanus
- b) Cholera and Arsenic Poisoning
- c) Neurosis and Psychosis

(3x2)

x-x-x

Exam.Code:0606
Sub. Code: 4525

1119
M.B.B.S. Prof. Second
Forensic Medicine

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt all questions. Use separate sheets for each Part. Draw labeled diagrams wherever necessary.

x-x-x

PART-I

I. Write short notes on:-

- a) Perjury
- b) Emphysema aquosum
- c) Adipocere formation
- d) Fracture of Hyoid Bone

(4x2)

II. Answer as directed:-

- a) Draw the Dental formula (FDI) of a 11yr old child
- b) Lucid interval in Head Injury
- c) Estimation of Range of fire of a Rifled bore ammunition from entry wound

(3x2)

III. Differentiate between:-

- a) Locard's Principle and Locard's Method
- b) Antemortem and Postmortem blisters
- c) True and false Bruise

(3x2)

PART - II

IV. Write short notes on:-

- a) Various preparations of cannabis with concentration of the Active Principle in each
- b) Delusions
- c) General principles of treating a case of Poisoning
- d) Signs of Live Birth

(4x2)

P.T.O.

1129
M.B.B.S.-2nd Prof.
Paper-A: Pathology

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt all questions. Use separate sheets for Part-I and II. Draw labeled diagrams whenever required.

- * - * -

PART-I

I. Write short notes on: -

- (a) Type of necrosis
- (b) Infectious mononucleosis (4+3)

II. Tabulate differences between: -

- (a) Dry and wet gangrene
- (b) Primary and secondary tuberculosis (3+3)

III. Write short notes on: -

- (a) Amyloid proteins
- (b) Disseminated intravascular coagulation (4+3)

PART-II

IV. Write short notes on: -

- (a) Lab diagnosis of iron deficiency anemia
- (b) Myeloid leukemoid reaction (4+3)

V. Write short notes on: -

- (a) Pathologic features of Hodgkin's disease
- (b) Causes of megaloblastic anemia (3+3)

VI. Describe:-

- (a) Diagnostic work up of multiple myeloma
- (b) Differences between acute myeloid and lymphoid leukemia (4+3)

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Total No. of Sheets used.....
No. of Questions set

SHEETS NO. 1
PRESS COPY
KINDLY WRITE LEGIBLY

Name of the Examination. MBBS 1st Prof Year. 2019 Session. June
Course. M.B.B.S. Subject. Biochemistry
Paper. A Option.....
Title of the paper. 1st Professional MBBS Biochemistry
Time allowed. 3 hrs. Maximum marks. 50

SPACE FOR INSTRUCTIONS TO THE EXAMINEES

SERIAL NO.
(Marks if paper is in
Persian Script)

MARKS
(Serial No. if paper is
in Persian Script)

PAPER A

PART - I

Write in brief

(3x5=15)

1. Phase I reactions of xenobiotic metabolism
2. Secondary structure of proteins
3. Competitive inhibition with examples
4. Constituents of Oral rehydration therapy with their functions
5. Role of Lipotropic factors in preventing fatty liver.

Write in short the Biochemical basis of the following

(2x5=10)

1. Hypoalbuminaemia leads to oedema.
2. Dissociation curve is sigmoid shape.
3. Cerruloplasmin conserves iron.
4. Rice watery stool in cholera.
5. Antioxidant role of HMP shunt pathway.

PART - II

Write in brief

(3x5=15)

1. Biologically active molecules from tryptophan and their clinical importance.
2. Salvage pathway
3. Describe the diagnostic criteria of Diabetes mellitus based on blood glucose level.
4. Causes and diagnostic test to identify Ketoacidosis.
5. Importance of Arachidonic acid

Write in short the Biochemical basis of the following

(2x5=10)

1. Premature infant becomes dyspneic after birth.
2. Thermogenin is a physiological uncoupler.
3. Premature development of cataract occurs in diabetes
4. Misfolding of proteins is seen in Alzheimer's disease
5. Cyanide is a lethal poison

1129

M.B.B.S.-1st Prof.
Paper-B: Physiology

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt all questions. Draw well labeled diagram wherever required.

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PART-I

- I. Discuss cardiac cycle in details with the help of a diagram which depicts the left ventricular pressure & volume changes and its correlation with aortic pressure, phonocardiogram & ECG during different phases of cardiac cycle. (3+4)
- II. Write short notes on: -
- (a) Timed vital capacity
 - (b) Iron deficiency anemia
 - (c) Peptic ulcer (3×4)
- III. Write short notes on: -
- (a) Pneumotaxic center
 - (b) Migrating motor complex
 - (c) T helper cells (3×2)

PART-II

- IV. Write short notes on: -
- (a) Acidification of urine
 - (b) GIT hormones
 - (c) Hypersensitivity reactions (3×5)
- V. Write briefly about:-
- (a) Atrial Natriuretic peptide
 - (b) Surfactant
 - (c) Erythropoietin (3×2)
- VI. Discuss Oxy-hemoglobin dissociation curve and factors affecting it. (4)

..*.*..

- 3. Premature development of cataract occurs in diabetes
- 4. Misfolding of proteins is seen in Alzheimer's disease
- 5. Cyanide is a lethal poison

NOTE: Attempt all questions. Draw well labeled diagram wherever required.

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PART-I

- I. Write in details the role of hypothalamus in regulation of body temperature. (6)
- II. Write short notes on: -
- (a) Growth hormone
 - (b) Resting membrane potential – genesis & maintenance
 - (c) Errors of refraction (4+3+3)
- III. Write short notes on: -
- (a) Dorsal column pathway
 - (b) Auditory pathway
 - (c) Oral contraceptives (3×3)

PART-II

- IV. Discuss the functions and disorders of thyroid hormones. (6)
- V. Write short notes on: -
- (a) Active transport across the cell membrane
 - (b) Positive feedback mechanism
 - (c) Myasthenia gravis (3+2+3)
- VI. Write short notes on: -
- (a) Physiological changes during pregnancy
 - (b) Cushing syndrome
 - (c) Limbic system-components & functions (4+3+4)

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3. Premature development of cataract occurs in diabetes
4. Misfolding of proteins is seen in Alzheimer's disease
5. Cyanide is a lethal poison

(2)

IV. Write in short the Biochemical basis of the following:-

- a) Explain the role of antimicrobial proteins involved in innate immunity with examples.
- b) DNA contains Thymine instead of Uracil
- c) Phototherapy is given to neonatal bilirubinemia patients.
- d) BMR reduces after removal of thyroid gland.
- e) It is required for vitamin B₁₂ absorption

(5x2)

X-X-X

Exam.Code:0605

Sub. Code: 4522

1119
M.B.B.S. Prof. First
Bio-Chemistry
Paper – B

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt all questions. Use separate sheets for each Part.

x-x-x

PART - I

I. Write in brief:-

- a) DNA repair mechanisms
- b) Inhibitors of translation
- c) Elucidate the role of cytokines involved in inflammatory response with example.
- d) Explain the role of toxoids as preventive medication
- e) Role of Vitamin K in coagulation of blood (5x3)

II. Write in short the Biochemical basis of the following:-

- a) Hyperlipoproteinemia is seen in hypothyroidism.
- b) Skin lesions are seen in pellagra.
- c) Niacin is not strictly a vitamin.
- d) Increased telomerase activity in cancer cells.
- e) p53 regarded as molecular policeman (5x2)

PART – II

III. Write in brief:-

- a) Describe mechanism of Type IV of hypersensitive reaction with example.
- b) Describe structure of tRNA with diagram and highlight the function of each arm.
- c) Name different types of blot technique with its uses.
- d) Formation of pre-initiation complex in eukaryotes.
- e) Protein energy malnutrition. (5x3)

P.T.O.

4. Premature development of cataract occurs in diabetes

4. Misfolding of proteins is seen in Alzheimer's disease

5. Cyanide is a lethal poison

(2)

- VI. a) Enumerate
- i) Branches of abdominal aorta
 - ii) Derivatives of hind gut
 - iii) Contents of superficial perineal pouch
 - iv) Structures under the cover of flexor retinaculum of foot
- (4x1)
- b) Discuss applied anatomy of:-
- i) Veins of lower limb
 - ii) Portosystemic anastomosis
- (2x2)

x-x-x

(2)

VI. a) Enumerate

- i) Branches of maxillary artery
- ii) Derivatives of Endodermal Pouches
- iii) Tributaries and communications of Cavernous Sinus
- iv) Branches of posterior cord of brachial plexus

(4x1)

b) Discuss applied anatomy of:-

- a) Facial nerve
- b) Dangerous layer of Scalp

(2x2)

x-x-x

1119
M.B.B.S. Prof First
Anatomy
Paper – A

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt all questions. Use separate sheets for each part. Draw Suitable diagrams where ever necessary.

X-X-X

PART- I

- I. Draw well labeled diagrams of:-
- a) Transverse section of Mid brain at the level of inferior colliculus
 - b) Histology of Palatine Tonsil
 - c) Blood supply and nerve supply of scalp
 - d) Boundary and contents of Cubital Fossa (4x2)
- II. Write briefly about:-
- a) Internal capsule
 - b) Fourth Ventricle
 - c) Facial artery (3x3)
- III. Describe in brief:-
- a) Position, relation, blood supply and applied aspect of Parotid Gland
 - b) Articulation, Ligaments, Movements and Applied Aspect of Elbow Joint (2x4)

PART – II

- IV. Write short notes on:-
- a) Down Syndrome
 - b) Synovial Joint
 - c) Corpus Luteum (3x3)
- V. Discuss briefly:-
- a) Origin, Relation, Distribution and Applied Anatomy of Axillary Nerve
 - b) Muscles of mastication (2x4)

P.T.O.

5. Premature development of cataract occurs in diabetes

4. Misfolding of proteins is seen in Alzheimer's disease

5. Cyanide is a lethal poison