

506-A

**M.B.B.S. DEGREE EXAMINATION – JULY, 2011
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(BACTERIOLOGY & IMMUNOLOGY)
PAPER-I**

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. Define and classify hypersensitivity. Write in detail about Type I hypersensitivity. 10

WRITE SHORT NOTES ON:

5X4=20

2. Transduction.
3. PCR (Polymerase Chain Reaction).
4. Coagulase Test.
5. VDRL.
6. Acquired immunity.

WRITE BRIEFLY ON:

5X2=10

7. 'IMViC' test.
8. Tyndallization
9. M'Fadyean's reaction.
10. Neill Mooser reaction.
11. Graft Vs Host reaction.

M.B.B.S. DEGREE EXAMINATION – JULY, 2011
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(VIROLOGY, MYCOLOGY & PARASITOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. Name the blood and tissue flagellates. Write the morphology, life cycle and lab diagnosis of Kala-azar. 10

WRITE SHORT NOTES ON:

5X4=20

2. Herpes simplex virus.
3. Bacteriophage.
4. Life cycle of Ancylostoma duodenale.
5. Life cycle of Taenia saginata.
6. Dermatophytes.

WRITE BRIEFLY ON:

5X2=10

7. Morphology of HIV
8. Name four (4) slow viral diseases.
9. Name two (2) free living amoebae
10. Morphology of Hydatid cyst.
11. Name four (4) opportunistic fungal infections.

- - -

505-A

**M.B.B.S. DEGREE EXAMINATION – JULY, 2011
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-I**

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Classify Antihypertensives. Write the pharmacological actions and therapeutic uses of Angiotensin converting enzyme inhibitors. 10

WRITE SHORT NOTES ON:

5X4=20

2. Mechanism of action of Succinylcholine.
3. Selective serotonin reuptake inhibitors.
4. Beta-2 stimulants.
5. Mechanism of action and indications of Neostigmine.
6. Therapeutic uses and adverse effects of Morphine.

WRITE BRIEFLY ON:

5X2=10

7. Mention the benefits obtained on combining carbidopa with levodopa.
8. Write two uses of nitrates with rationale.
9. Mention two uses and two adverse effects of sodium valproate.
10. What is Up regulation and Down regulation of receptors? Give examples.
11. List two classes of drugs used in the therapy of migraine.

- - -

505-B

**M.B.B.S. DEGREE EXAMINATION – JULY, 2011
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-II**

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Enumerate the drugs used in Amoebiasis. Write the mechanism of action, clinical uses and adverse effects of Metronidazole. 10

WRITE SHORT NOTES ON:

5x4=20

2. Uterine stimulants.
3. Mechanism of action and uses of cyclosporine.
4. Name third generation cephalosporins. Mention their clinical uses.
5. Protease inhibitors.
6. Role of corticosteroids in the treatment of Bronchial Asthma.

WRITE BRIEFLY ON:

5x2=10

7. Name two oral and two injectable iron preparations.
8. What is super infection? Give one example.
9. Uses and adverse effects of Rifampicin.
10. Name two alkaloids used in cancer therapy. Mention one use.
11. Name two chelating agents. Mention one use of each.

- - -

JULY-2011

507-A

**M.B.B.S. DEGREE EXAMINATION – JULY, 2011
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I**

Time : 2 Hours

Max. Marks: 40

Answer all questions

- 1. 35 year old female presented with fatigue, weakness, glossitis and peripheral neuropathy. 10**

- a) What is the provisional diagnosis?
- b) What special investigations we do in this case to confirm the diagnosis?
- c) Describe the blood and bone marrow picture.

WRITE SHORT NOTES ON:

5x4=20

- 2. Chemotaxis.
- 3. Primary complex.
- 4. Rhinosporidiosis.
- 5. Klinefelter's syndrome.
- 6. Amyloidosis of spleen.

WRITE BRIEFLY ON:

5x2=10

- 7. Fate of a Thrombus.
- 8. Blood Transfusion reactions.
- 9. Pathways of spread of malignant tumors.
- 10. Hypertrophy and Hyperplasia.
- 11. Hypovolaemic Shock.

M.B.B.S. DEGREE EXAMINATION – JULY, 2011
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(SYSTEMIC PATHOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks: 40

Answer all questions

-
1. 60 year old male presented with substernal pain radiating to the arms, sweating and dyspnoea. 10
- a) What is the provisional diagnosis?
- b) Discuss the evolution of pathologic changes in this condition?
- c) What are the complications?

WRITE SHORT NOTES ON:

5x4=20

2. Bronchiectasis.
3. Glioblastoma.
4. Seminoma.
5. Hashimoto's Thyroiditis.
6. Chronic Pyelonephritis.

WRITE BRIEFLY ON:

5x2=10

Microscopic picture of the following:

7. Chronic Gastric ulcer.
8. Osteoclastoma.
9. Hydatidiform mole.
10. Reed-Sternberg Giant cells.
11. Alcoholic cirrhosis.

508-A

**M.B.B.S. DEGREE EXAMINATION – JULY, 2011
SECOND M.B.B.S. EXAMINATION
FORENSIC MEDICINE**

Time : 2 Hours

Max. Marks: 40

Answer all questions

-
- 1. Describe the symptoms, signs, treatment and autopsy findings in a case of organophosphorous poisoning. 10**

WRITE SHORT NOTES ON:

5x4=20

- 2. Battered Baby Syndrome.**
- 3. Dying Declaration.**
- 4. Choking.**
- 5. Narco-Analysis.**
- 6. Classification of injuries.**

WRITE BRIEFLY ON:

5x2=10

- 7. Dowry death.**
- 8. Illusion.**
- 9. Tardieu Spots.**
- 10. Holograph.**
- 11. Expert Witness.**
-

506-A

M.B.B.S. DEGREE EXAMINATION – JANUARY, 2011
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(BACTERIOLOGY & IMMUNOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. Name the bacterial agents causing diarrhea. Write the pathogenesis and laboratory diagnosis of cholera. 10

WRITE SHORT NOTES ON:

5x4=20

2. Bacterial capsule.
3. Anaerobic culture methods.
4. Elek's gel precipitation test.
5. Hot air oven.
6. ELISA.

WRITE BRIEFLY ON:

5x2=10

7. Louis Pasteur.
8. Bacterial conjugation.
9. Quellung reaction.
10. Relapsing fever.
11. Type IV hypersensitivity.

506-B

M.B.B.S. DEGREE EXAMINATION – JANUARY, 2011
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(VIROLOGY, MYCOLOGY & PARASITOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. Write the morphology, pathogenesis and laboratory diagnosis of Rabies virus. Add a note on its prophylaxis. 10

WRITE SHORT NOTES ON:

5X4=20

2. Cultivation of viruses.
3. Dengue fever.
4. Life cycle of *Entamoeba histolytica*.
5. Larva migrans.
6. Mycetoma.

WRITE BRIEFLY ON:

5X2=10

7. Name 4 oncogenic viruses.
8. Name 4 viruses causing diarrhoea.
9. Morphology of microfilaria.
10. Name 4 opportunistic parasitic infections in HIV patients.
11. Morphology of *Rhizopus*.

M.B.B.S. DEGREE EXAMINATION – JANUARY, 2011
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Classify the drugs used in epilepsy. Write the mechanism of action and adverse effects of sodium valproate.

10

WRITE SHORT NOTES ON:

5X4=20

2. Mechanism of action and therapeutic uses of digoxin.
3. Drug antagonism.
4. Indications of prazosin and its adverse effects.
5. Advantages and disadvantages of halothane.
6. Acetazolamide.

WRITE BRIEFLY ON:-

5X2=10

7. Mechanism of action of Tramadol.
8. What is Iatrogenicity? Give two examples.
9. Therapeutic uses of reversible anti cholinesterases.
10. What is tachyphylaxis? Give two examples.
11. Two uses and two adverse effects of imipramine.

M.B.B.S. DEGREE EXAMINATION – JANUARY, 2011
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Classify Fluoroquinolones. Write the mechanism of action, therapeutic uses and adverse effects of ciprofloxacin. 10

WRITE SHORT NOTES ON: 5x4=20

2. Mechanism of action and adverse effects of sulfonylureas.
3. Mucolytics.
4. Preparations of Iron.
5. Lepra reaction.
6. Methotrexate.

WRITE BRIEFLY ON: 5x2=10

7. Rationale of using ergometrine in post partum haemorrhage.
8. Rationale of combination of pyrimethamine and sulfadoxine in malaria.
9. Mention any two - two week drug treatment regimens used in *Helicobacter pylori* infection.
10. Rationale of combination of estrogen and progestin as oral contraceptive.
11. Mechanism of action of diethyl carbamazine.

JANUARY-2011

507-A

M.B.B.S. DEGREE EXAMINATION – JANUARY, 2011
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. A homosexual individual who is also an intravenous drug abuser with history of persistent generalized lymphadenopathy (PGL) and chronic diarrhea came to sexually transmitted diseases (STD) OPD with mucosal candidiasis, fever, oral hairy leukoplakia and loss of more than 10% body weight. There is a fall in CD4+ T cells count. 10
- a) What is the provisional diagnosis?
b) Describe the sequences of events in the pathogenesis of the disease.
c) Discuss various tests used for diagnosis and for monitoring treatment of the same.

WRITE SHORT NOTES ON:

5x4=20

2. Paraneoplastic syndromes.
3. Peripheral smear and bone marrow picture in megaloblastic anemia.
4. Growth factors involved in tissue regeneration and repair.
5. Haematocrit.
6. Arachidonic acid metabolites and their role in inflammation.

WRITE BRIEFLY ON:

5x2=10

7. Phlebothrombosis.
 8. Clinical features and karyotypes of Turner Syndrome.
 9. Mode of action of anticoagulants.
 10. Pathogenesis of dystrophic calcification.
 11. Name four tumor suppressor genes.
-

M.B.B.S. DEGREE EXAMINATION – JANUARY, 2011
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(SYSTEMIC PATHOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks: 40

Answer all questions

-
1. A 43 year old male, chronic alcoholic dies after a bout of profuse hematemesis. 10
- a) What is the probable diagnosis?
b) Describe the morphological changes in the target organ involved.
c) Write the sequential events that have lead to death.

5x4=20

WRITE SHORT NOTES ON:

2. Astrocytoma.
3. Morphology of Giant Cell Tumor of Bone.
4. Renal dysplasia.
5. Pathology of Aortic dissection.
6. Medullary carcinoma breast.

5x2=10

WRITE BRIEFLY ON:

7. Name four preneoplastic lesions of skin.
8. Name the causes of left ventricular hypertrophy.
9. Four clinical features of primary hyper-parathyroidism.
10. Adenomyosis.
11. Name the histologic variants of carcinoma lung.

508-A

M.B.B.S. DEGREE EXAMINATION – JANURARY, 2011
SECOND M.B.B.S. EXAMINATION
FORENSIC MEDICINE

Time : 2 Hours

Max. Marks: 40

Answer all questions

-
1. Define drowning; Discuss the mechanism of death and postmortem appearances in a case of drowning. 10

WRITE SHORT NOTES ON: 5x4=20

2. Conduct money.
3. Turner's Syndrome.
4. Algor mortis.
5. Café Coronary.
6. Sexual Asphyxia.

WRITE BRIEFLY ON: 5x2=10

7. Sec 84 IPC.
8. Cephalic Index.
9. Toxalbumen.
10. Psychopath.
11. Perjury.

506-A

M.B.B.S. DEGREE EXAMINATION – AUGUST, 2010
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(BACTERIOLOGY & IMMUNOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. Classify mycobacteria of medical importance. Describe pathogenesis and laboratory diagnosis of pulmonary tuberculosis. Add a note on RNTCP. (2+2+4+2=10)

WRITE SHORT NOTES ON:

5X4=20

2. Anaphylaxis.
3. Hot Air Oven.
4. Enzyme Linked Immunosorbent Assay (ELISA).
5. Laboratory Diagnosis of Syphilis.
6. Gas gangrene.

WRITE BRIEFLY ON:

5X2=10

7. Selective Media.
8. Structure of Immunoglobulin – M
9. Satellitism.
10. Halophilic vibrios.
11. Two differences between exotoxin and endotoxin.

506-B

M.B.B.S. DEGREE EXAMINATION – AUGUST, 2010
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(VIROLOGY, MYCOLOGY & PARASITOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. Discuss the morphology, pathogenecity and lab diagnosis of Rhabdovirus. Describe briefly the post exposure prophylaxis in rabies. 2+2+3+3=10

WRITE SHORT NOTES ON:

5X4=20

2. Dermatophytes.
3. Arboviral infections in India.
4. Hydatid cyst.
5. Mucormycosis.
6. Ascaris Lumbricoides.

WRITE BRIEFLY ON:

5X2=10

7. Interferon.
8. MMR vaccine.
9. NIH swab
10. Draw two non-bile stained Eggs.
11. Name two organisms causing primary amoebic meningoencephalitis.

- - -

505-A

M.B.B.S. DEGREE EXAMINATION – AUGUST, 2010
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Classify muscarinic receptor antagonists. Write in brief the pharmacological actions and therapeutic uses of atropine.

10

WRITE SHORT NOTES ON:

5X4=20

2. Drug tolerance.
3. Cardiosselective beta blockers.
4. Selective cox-2 inhibitors.
5. Therapeutic uses and adverse effects of chlorpromazine.
6. Furosemide (Frusemide).

WRITE BRIEFLY ON:

5X2=10

7. What is plasma half life? Mention its clinical significance.
8. Mention four factors influencing biotransformation of drugs.
9. Rationale of using verapamil in supra ventricular tachycardia.
10. Mention four drugs used in hypertensive emergencies.
11. Mechanism of action of dantrolene and its two uses.

- - -

505-B

M.B.B.S. DEGREE EXAMINATION – AUGUST, 2010
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Enumerate the drugs used in tuberculosis. Write the mechanism of action and adverse effects of INH. 10

WRITE SHORT NOTES ON: 5x4=20

2. Preparations of insulin.
3. Antiestrogens.
4. Alkylating agents.
5. Anti tussives.
6. Fibrinolytic agents.

WRITE BRIEFLY ON: 5x2=10

7. What is sequential blockade? Give one example.
8. Name third generation cephalosporins.
9. Rationale of using oxytocin for induction of labour.
10. Mention four relative contraindications of corticosteroids.
11. Rationale of combination of magnesium trisilicate and aluminium hydroxide as antacids.

- - -

AUGUST-2010

507-A

**M.B.B.S. DEGREE EXAMINATION – AUGUST, 2010
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I**

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. An young boy came with the history of massive hemorrhage after trauma, recurrent haemarthrosis in large joints, muscle hematomas and progressive deformities leading to crippling. Some of the family members also suffered with identical clinical manifestations.

a) What is the provisional diagnosis?

b) Discuss various laboratory investigations to confirm the diagnosis.

10

WRITE SHORT NOTES ON:

5x4=20

2. Blood picture and bone marrow findings in CML.
3. E.S.R.
4. Exfoliative cytology.
5. Actinomycosis.
6. CNS manifestations of AIDS.

WRITE BRIEFLY ON:

5x2=10

7. Fate of a thrombus.
8. Name four chemical mediators of inflammation.
9. Vitamin A deficiency consequences.
10. Miliary tuberculosis.
11. Specific gravity of urine.

507-B

M.B.B.S. DEGREE EXAMINATION – AUGUST, 2010
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(SYSTEMIC PATHOLOGY)
PAPER-II

Time : 2 Hours

Answer all questions

Max. Marks: 40

-
1. 40 year old female presented with lump in the breast.
The lump is hard and adhered to the underlying structures
and axillary lymph nodes are enlarged. 10
- a) What is the provisional diagnosis?
b) How do you classify them?
c) Discuss the etiology and pathogenesis of the lesion.

WRITE SHORT NOTES ON:

5x4=20

2. Gross and microscopic picture of lobar pneumonia.
3. Pleomorphic adenoma – salivary gland.
4. Morphology of Alcoholic cirrhosis.
5. Dermoid cyst-ovary.
6. Morphology of Meningiomas.

5x2=10

WRITE BRIEFLY ON:

7. Condyloma acuminata
8. Endometriosis.
9. Histology of malignant melanoma.
10. Leukoplakia.
11. Sequestrum.
- - -

508-A

M.B.B.S. DEGREE EXAMINATION – AUGUST, 2010
SECOND M.B.B.S. EXAMINATION
FORENSIC MEDICINE

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. Describe signs, symptoms, treatment and medicolegal aspect of acute arsenic poisoning.

10

WRITE SHORT NOTES ON:

5x4=20

2. Rigor mortis
3. Professional death sentence
4. Confirmative signs of pregnancy
5. Drug dependence
6. Viscera preservation

WRITE BRIEFLY ON:

5x2=10

7. Tattoo marks
 8. Tandem bullet
 9. Tribadism
 10. Tentative cuts
 11. Tardieu spots
-

506-A

M.B.B.S. DEGREE EXAMINATION – MARCH, 2010
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(BACTERIOLOGY & IMMUNOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. Discuss the cultural characteristics and pathogenicity of *salmonella typhi*. Describe briefly the laboratory diagnosis and prophylaxis of enteric fever. 10

WRITE SHORT NOTES ON:

5X4=20

2. Morphology and cultural characteristics of *Yersinia Pestis*.
3. Gaseous disinfectants.
4. Auto immunity.
5. Immuno fluorescence.
6. Urinary tract infections.

WRITE BRIEFLY ON:

5X2=10

7. BCG Vaccine.
8. Lyme disease.
9. *Helicobacter Pylori*.
10. Enriched Medium.
11. ASO (Anti-Streptolysin-O) Test.

506-B

M.B.B.S. DEGREE EXAMINATION – MARCH, 2010
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(VIROLOGY, MYCOLOGY & PARASITOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. Discuss the morphology, life cycle and pathogenicity of plasmodium falciparum. Write briefly on the laboratory diagnosis of malaria.

10

WRITE SHORT NOTES ON:

5X4=20

2. Hepatitis B. Virus Structure and name the serological tests in Hepatitis B infection.
3. Laboratory diagnosis of intestinal amoebiasis.
4. Larva migrans.
5. Candidiasis.
6. Viral Vaccines.

WRITE BRIEFLY ON:

5X2=10

7. Antigenic drift and shift.
8. Slow viral infections.
9. Name two arboviral infections in India and its vectors.
10. Four parasitic infections in Immuno-compromised patients.
11. Morphology of Aspergillus.

505-A

M.B.B.S. DEGREE EXAMINATION – MARCH, 2010
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Write in brief the factors modifying drug action. 10

WRITE SHORT NOTES ON:

5X4=20

2. Therapeutic uses and adverse effects of aspirin
3. Therapeutic uses and adverse effects of Beta Blockers.
4. Potassium sparing diuretics.
5. Treatment of organo phosphorous compound poisoning.
6. Angiotensin antagonists.

WRITE BRIEFLY ON:

5X2=10

7. Write the pharmacological basis of using dopamine in cardiogenic shock.
8. What is a plasma expander? Give two examples.
9. Name four potassium channel openers.
10. Rationale of using ethyl alcohol in methyl alcohol poisoning.
11. What is propofol? Mention its clinical use.

- - -

505-B

M.B.B.S. DEGREE EXAMINATION – MARCH, 2010
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Classify antimalarial drugs. Write the mechanism of action, uses and adverse effects of chloroquine. 10

WRITE SHORT NOTES ON:

5x4=20

2. General pharmacological properties of aminoglycoside antibiotics.
3. Mechanism of action of clomiphene citrate.
4. Adverse effects of tetracyclines.
5. Metoclopramide.
6. Mechanism of action and adverse effects of carbimazole.

WRITE BRIEFLY ON:

5x2=10

7. Advantages of ranitidine over cimetidine.
8. What is tamoxifen? Mention one use.
9. What is mifepristone? Mention two uses.
10. Name four antiplatelet drugs.
11. Mention four uses of acyclovir.

- - -

MARCH 2010

M.B.B.S. DEGREE EXAMINATION – MARCH, 2010
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I

507-A

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. A 30 year old pregnant lady who cherishes to eat food prepared by boiling, steaming and frying presented with anaemia, glossitis, mild icterus history of diarrhea, loss of appetite and lack of wellbeing.

No evidence of nervous system manifestations.

Her serum Homocysteine (HCYS) levels are elevated but not Methylmalonic acid (MMA) LEVELS.

- a) What is the provisional diagnosis?
- b) Describe the peripheral blood and bone marrow picture.
- c) Discuss the special tests in diagnosis.

10

WRITE SHORT NOTES ON:

5x4=20

- 2. Contrasting features of apoptosis and necrosis.
- 3. Chemokines.
- 4. Microbial carcinogenesis.
- 5. Pathogenesis of Amyloidosis.
- 6. Discuss various processes that participate in the formation of a SCAR.

WRITE BRIEFLY ON:

5x2=10

- 7. What is paradoxical embolism? Give an example.
- 8. Morphology of Actinomycotic Mycetoma.
- 9. Name two cytogenic disorders involving sexchromosomes and two involving autosomes.
- 10. "Taby cat" appearance of heart (Tigered effect).
- 11. Myeloblast of AML3.

M.B.B.S. DEGREE EXAMINATION – MARCH, 2010
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(SYSTEMIC PATHOLOGY)
PAPER-II

507-B

Time : 2 Hours

Answer all questions

Max. Marks: 40

1. An adult male patient having coarctation of the Aorta and periodontal infection with habit of vigorous brushing of teeth came to the hospital with fever and anaemia. On examination there are crops of petechiae over the skin, subungual hemorrhages, small tender cutaneous nodules, pain in the splenic region and retinal hemorrhages. Urine examination showed hematuria.

- What is probable diagnosis?
- Describe aetiopathogenesis and morphology of lesions in various organs involved.
- Mention the complications.

10

WRITE SHORT NOTES ON:

5x4=20

- Chronic contracted granular kidney.
- Brenner tumour.
- Morphology of pyogenic osteomyelitis.
- Pathogenesis of Hepatocellular carcinoma.
- Morphology of pheochromocytoma.

WRITE BRIEFLY ON:

5x2=10

- Name the Benign and malignant tumors of the penis.
 - Warthin tumor.
 - Name four variant forms of Nevocellular Nevi.
 - Various histological types of Meningioma.
 - Various sites of chronic peptic ulcer.
-

M.B.B.S. DEGREE EXAMINATION – MARCH, 2010
SECOND M.B.B.S. EXAMINATION
FORENSIC MEDICINE

508-A

Time : 2 Hours

Max. Marks: 40

Answer all questions

-
- 1. Discuss in detail about signs, symptoms and treatment of ophitoxaemia. 10**

WRITE SHORT NOTES ON: 5x4=20

- 2. Dactylography**
- 3. Carbolism**
- 4. Cadaveric Spasm**
- 5. Hyoid Bone**
- 6. Bullet**

WRITE BRIEFLY ON: 5x2=10

- 7. Atavism**
 - 8. Embalming**
 - 9. Necrophilia**
 - 10. LSD**
 - 11. 'Tache noir'**
-