

506-A

M.B.B.S. DEGREE EXAMINATION – AUGUST, 2009
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. Describe in detail

about Class I hypersensitivity.

1+3+6=10

WRITE SHORT NOTES ON:

5X4=20

2. Autoclave.

3. Immunoglobulin - G.

4. Bacterial Flagellum.

5. Widal Test

6. Cholera.

WRITE BRIEFLY ON:

5X2=10

7. DPT vaccine.

8. Robertson's Cooked Meat Medium (RCM).

9. Coagulase Test.

10. Pasteurization.

11. Cell wall.

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M.B.B.S. DEGREE EXAMINATION – AUGUST, 2009
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(VIROLOGY, MYCOLOGY & PARASITOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. Describe the Morphology, Pathogenesis and Laboratory
Diagnosis of HIV. Add a note on universal precautions.

(2+2+3+3=10)

WRITE SHORT NOTES ON:

5X4=20

2. Kala Azar.
3. Microfilaria.
4. Cryptococcosis.
5. Post exposure prophylaxis in Rabies..
6. Cultivation of viruses.

WRITE BRIEFLY ON:

5X2=10

7. Inclusion Bodies.
 8. Casoni's Test.
 9. Define Dimorphic fungi and give two examples.
 10. Draw two bile stained eggs.
 11. Germ Tube Test.
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M.B.B.S. DEGREE EXAMINATION – AUGUST, 2009
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-I

505-A

Time : 2 Hours

Max. Marks : 40

Answer all questions

- 1. Classify Sympathomimetics. Write the pharmacological actions of Epinephrine on Cardiovascular system.**

Mention the uses of Epinephrine.

10

WRITE SHORT NOTES ON:

5X4=20

- 2. Therapeutic uses and adverse effects of Digoxin.**
3. What is Drug Synergism? Give suitable examples.
4. Cyclooxygenase-II inhibitors.
5. Therapeutic uses and adverse effects of chlorothiazide.
6. Treatment of phenobarbitone poisoning.

WRITE BRIEFLY ON:

5X2=10

- 7. Write the pharmacological basis of using Verapamil in Supraventricular Tachycardia.**
8. What is Selegiline? Mention its therapeutic use.
9. Write two uses and two side effects of Carbamazepine.
10. Write the advantages of Atenolol over Propranolol.
11. What is zero order kinetics? Give one example.

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M.B.B.S. DEGREE EXAMINATION – AUGUST, 2009
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Enumerate the anti tubercular drugs. Write the mechanism of action and adverse effects of any one standard drug. Write the short course chemotherapy of Tuberculosis. 10

WRITE SHORT NOTES ON:

5X4=20

2. Tocolytic drugs.
3. Drugs used for Resistant Falciparum Malaria.
4. Insulin Resistance.
5. Intraconazole – Spectrum of action and uses.
6. Mechanism of action of Zidovudine.

WRITE BRIEFLY ON:

5X2=10

7. Name four antibiotics used in cancer.
8. Rationale of using Estrogens in carcinoma of prostate.
9. Why Tetracyclines are contraindicated in children under 5 years?
10. Name two low molecular weight heparins. Mention two advantages.
11. Mention disadvantages of Liquid Paraffin as Laxative.

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M.B.B.S. DEGREE EXAMINATION – AUGUST, 2009
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I

Time : 2 Hours

Answer all questions

Max. Marks: 40

1. A 35 year old male patient presented with high fever, fatigue, Pallor, skin petechiae, swollen gums and bone pains. His total WBC count was 1,00,000/ul.

a) What is the provisional diagnosis?

b) Describe the Blood and Bone marrow picture of the above case.

c) Discuss the prognosis of this disease.

10

5x4=20

WRITE SHORT NOTES ON:

2. Healing by first intention.

3. Klinefelter's syndrome.

4. Primary complex.

5. Chemical carcinogens.

6. Metaplasia.

5x2=10

WRITE BRIEFLY ON:

7. Sago spleen.

8. Various types of giant cells.

9. Sickling test.

10. Mural thrombus.

11. Consequences of Vitamin A deficiency disease.

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M.B.B.S. DEGREE EXAMINATION – AUGUST, 2009
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(SYSTEMIC PATHOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks: 40

Answer all questions

-
- 1. A 40 year old female patient presented with clinical manifestations of massive proteinuria, hypoalbuminemia, generalised edema with hyperlipidemia and lipiduria.**

nephrotic syndrome
10

- a) What is the provisional diagnosis?**
- b) Mention the causes of this syndrome.**
- c) Discuss the pathophysiology of the same.**

WRITE SHORT NOTES ON:

5X4=20

- 2. Tetralogy of Fallot.**
- 3. Mesothelioma.**
- 4. Crohn's disease.**
- 5. Cystosarcoma phyllodes.**
- 6. Astrocytoma.**

WRITE BRIEFLY ON:

5X2=10

- 7. Microscopic picture of alcoholic cirrhosis.**
 - 8. Endometriosis.**
 - 9. Variants of Reed-Sternberg cell.**
 - 10. Complications of atherosclerosis.**
 - 11. Osteitis fibrosa cystica.**
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**M.B.B.S. DEGREE EXAMINATION – AUGUST, 2009
SECOND M.B.B.S. EXAMINATION
FORENSIC MEDICINE**

Time : 2 Hours

Max. Marks: 40

Answer all questions

-
1. Define hanging and describe the postmortem findings in a case of death due to hanging. 10

WRITE SHORT NOTES ON:

5X4=20

2. Indian Medical Council.
3. Postmortem Lividity
4. Medicolegal aspect of age.
5. Professional Negligence.
6. Drunkenness.

WRITE BRIEFLY ON:

5X2=10

7. Informed consent.
8. Delusions.
9. Multi activated charcoal.
10. Mummification.
11. Expert witness.

M.B.B.S. DEGREE EXAMINATION – APRIL, 2009
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(BACTERIOLOGY & IMMUNOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks: 40

Answer all questions

- 1. Enumerate the organisms causing Meningitis. Describe the pathogenesis and laboratory diagnosis of meningococcal meningitis.** **(3+3+4=10)**

WRITE SHORT NOTES ON:

5X4=20

- 2. Type IV hypersensitivity.**
- 3. Lab diagnosis of Leprosy.**
- 4. Anaerobe.**
- 5. Classification of Bacteria based on their shape.**
- 6. T cell and its subsets.**

WRITE BRIEFLY ON:

5X2=10

- 7. Normal flora of genito-urinary tract.**
- 8. Typhoid vaccine.**
- 9. Appearance of Mycoplasma colonies in culture media.**
- 10. FTA-Abs test.**
- 11. Cultural characteristics of shigella.**

M.B.B.S. DEGREE EXAMINATION – APRIL, 2009
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(VIROLOGY, MYCOLOGY & PARASITOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. List intestinal nematodes. Describe the Life Cycle of *Ascaris Lumbricoides*. Add a note on its prevention. (2+2+3+3=10)

WRITE SHORT NOTES ON:

5X4=20

2. *Candida albicans*.
3. Dermatophytes.
4. Rabies virus.
5. Compare Rhabditiform Larva and Filariform Larva.
6. *Giardia*.

WRITE BRIEFLY ON:

5X2=10

7. Aldehyde test.
8. *Rhizopus*.
9. Interferon.
10. Morphology of HIV.
11. Fish tapeworm.

M.B.B.S. DEGREE EXAMINATION – APRIL, 2009
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

- 1. Write the factors modifying drug action. 10**

WRITE SHORT NOTES ON: 5X4=20

- 2. Mechanism of action of sumatriptan.**
- 3. Therapeutic uses and adverse affects of Alpha adrenergic receptor Antagonists.**
- 4. Pure opioid Antagonists.**
- 5. Pharmacological actions and clinical uses of Amiodarone.**
- 6. Therapeutic uses of Reversible cholinesterase inhibitors.**

WRITE BRIEFLY ON: 5X2=10

- 7. Mention four synthetic Atropine substitutes used in Parkinsonism.**
- 8. List of indications for the use of Aspirin.**
- 9. Mention four therapeutic uses of Thiazide and related diuretics.**
- 10. What is Losartan? Mention the therapeutic use.**
- 11. Name four selective Serotonin Reuptake inhibitors.**

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M.B.B.S. DEGREE EXAMINATION – APRIL, 2009
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Enumerate Fluoroquinolones. Write the mechanism of action and therapeutic uses of ciprofloxacin. 10

WRITE SHORT NOTES ON: 5X4=20

2. Beta Lactamase inhibitors.
3. Mechanism of action and adverse effects of Dapsone.
4. Mechanism of action of oral Anticoagulants.
5. Antitussives.
6. Therapeutic uses and adverse effects of Methotrexate.

WRITE BRIEFLY ON: 5X2=10

7. List four Topical Antifungal drugs.
8. Mention four adverse effects of Rifampicin.
9. Name two Estrogen preparations and their two uses.
10. List newer Insulins.
11. Advantage of preferring Ranitidine over cimetidine in peptic ulcer.

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APRIL-2009

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**M.B.B.S. DEGREE EXAMINATION – APRIL, 2009
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 anaemia, glossitis and neurological manifestations.
- a) What is your provisional diagnosis? 10
- b) What are the Laboratory investigations you do in this case?
- c) How do you confirm the diagnosis?

WRITE SHORT NOTES ON:

5x4=20

2. Exudate and transudate.
3. Turner's syndrome.
4. Differences between benign and malignant tumours.
5. Pleomorphic adenoma.
6. Thrombo embolism.

WRITE BRIEFLY ON:

5x2=10

7. Granuloma.
8. Cardinal Signs of acute inflammation.
9. Rhinosporidiosis
- 10 . ESR
11. Lardaceous spleen.

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M.B.B.S. DEGREE EXAMINATION – APRIL, 2009
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(SYSTEMIC PATHOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks: 40

Answer all questions

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1. A 20 year old female presented with a painless slowly growing freely mobile solitary lump in the lower part of her left breast. On examination the nipple is normal. The lump is not fixed to the overlying skin. No axillary lymphnodes are palpable. 10
- a) What is the provisional diagnosis?
 - b) Discuss various investigations to confirm your final diagnosis.
 - c) Describe the gross and microscopic picture of the lesion.

WRITE SHORT NOTES ON:

5X4=20

- 2. Aschoff nodule.
- 3. Ulcerative colitis.
- 4. Choriocarcinoma.
- 5. Gouty arthritis.
- 6. Hashimoto's thyroiditis.

WRITE BRIEFLY ON:

5X2=10

- 7. Enzyme study in acute myocardial infarction.
 - 8. Lung abscess.
 - 9. Renal stones.
 - 10. Name four glial tumors.
 - 11. Melanoma.
- - -

M.B.B.S. DEGREE EXAMINATION – APRIL, 2009
SECOND M.B.B.S. EXAMINATION
FORENSIC MEDICINE

508-A

Time : 2 Hours

Max. Marks: 40

Answer all questions

-
- 1. Define rape and describe the procedure of examination
of a victim of rape aged about 15 years.**

10

WRITE SHORT NOTES ON:

5X4=20

- 2. Dying declaration**
- 3. Inquest**
- 4. Professional Misconduct.**
- 5. Intersex.**
- 6. Antidotes.**

WRITE BRIEFLY ON:

5X2=10

- 7. Expert witness.**
 - 8. Dry Drowning.**
 - 9. Vitriolage.**
 - 10. Lucid interval.**
 - 11. Illusion.**
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M.B.B.S. DEGREE EXAMINATION – OCTOBER, 2008
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(BACTERIOLOGY & IMMUNOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks: 40

Answer all questions

- 1. Enumerate the Acid fast bacilli. Classify Leprosy.**

Discuss the Morphology and laboratory diagnosis of

Mycobacterium leprae.

(3+3+6=10)

WRITE SHORT NOTES ON:

5X4=20

- 2. Streptococcal Toxins.**
- 3. Louis Pasteur.**
- 4. Precipitation reactions.**
- 5. Anthrax.**
- 6. Bacterial capsule.**

WRITE BRIEFLY ON:

5X2=10

- 7. Heterophile antigen.**
- 8. Coagulase test.**
- 9. Blood agar.**
- 10. String test.**
- 11. Bacterial live vaccines.**
-

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M.B.B.S. DEGREE EXAMINATION – OCTOBER, 2008
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(VIROLOGY, MYCOLOGY & PARASITOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks: 40

Answer all questions

- 1. Describe the morphology life cycle and pathogenesis of
Leishmania donovani. Add a note on the laboratory
diagnosis of kala azar.**

(2+2+3+3=10)

WRITE SHORT NOTES ON:

5X4=20

- 2. Trichophyton rubrum**
3. Cryptococcus
4. Yellow fever
5. Laboratory Diagnosis of Rabies
6. Japanese "B" encephalitis.

WRITE BRIEFLY ON:

5X2=10

- 7. Molluscum Contagiosum**
8. Hepatitis "B" virus
9. Ectothrix
10. Sabouraud's glucose agar.
11. Rhinosporidiosis.

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M.B.B.S. DEGREE EXAMINATION – OCTOBER, 2008
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Classify skeletal muscle relaxants. Write the mechanism of action, uses and adverse effects of Succinyl choline. 10

WRITE SHORT NOTES ON:

5X4=20

2. Mechanism of action and therapeutic uses of Diazepam.
3. Methods of prolonging drug action.
4. Potassium sparing diuretics.
5. Indications of propranolol and its adverse effects.
6. Intravenous general anaesthetics.

WRITE BRIEFLY ON:

5X2=10

7. Two uses of Digoxin and the basis for use.
8. Two uses and two adverse effects of Morphine.
9. Reasons for using furosemide with spironolactone.
10. Mechanism of action and two uses of Diphenyl hydantoin.
11. Two types of drug antagonism with suitable example.

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M.B.B.S. DEGREE EXAMINATION – OCTOBER, 2008
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-II

505-B

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Classify penicillin preparations. Write the mechanism of action, uses and adverse effects of Ampicillin.

10

WRITE SHORT NOTES ON:

5X4=20

2. Hormone replacement therapy.
3. Prokinetics
4. Streptokinase
5. Uses of prostaglandins
6. Expectorants

WRITE BRIEFLY ON:

5X2=10

7. Pharmacological basis of using primaquine in malaria
8. Role of iodides in thyroid disorders.
9. Advantages of Enoxaparin over Heparin.
10. Rationale of using Salbutamol as a tocolytic agent.
11. Two uses of Penicillamine with rationale.

M.B.B.S. DEGREE EXAMINATION – OCTOBER, 2008
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. 40 year old male presented with weakness, fatigue and dysnoea, having spoon shaped nails complaints of recurrent bleeding piles. Hb is 2.5 gms.
- a) What is the provisional diagnosis? 10
 - b) What blood investigations should be done to confirm the diagnosis?
 - c) What is the test to be done on the bone marrow smear?

WRITE SHORT NOTES ON:

5X4=20

- 2. Lepromatous Leprosy.
- 3. Spread of Malignant tumors.
- 4. Chemotaxis.
- 5. Gangrene.
- 6. Exfoliative cytology.

WRITE BRIEFLY ON:

5X2=10

- 7. Cardiac Oedema.
- 8. Healing by second intension.
- 9. Rickets.
- 10 .L.E. Cell.
- 11. Down's Syndrome.

**SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(SYSTEMIC PATHOLOGY)
PAPER-II**

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. 35 year old female has 12 weeks amenorrhoea. She is married 1 year ago. On examination uterus size was larger and corresponding to 20 weeks gestation. She complains of passing grape like vesicles. Her blood and urine hCG levels are elevated than normal pregnancy. 10

- a) What is the provisional diagnosis?
- b) Describe gross and microscopic picture of the lesion?
- c) Discuss its complications.

WRITE SHORT NOTES ON:

5X4=20

- 2. Acute pancreatitis.
- 3. Pheochromocytoma.
- 4. Giant Cell tumor of bone.
- 5. Morphology of chronic gastric ulcer.
- 6. Definition and types of Aneurysm.

WRITE BRIEFLY ON:

5X2=10

- 7. Paget's disease of breast.
- 8. Wilms' tumour.
- 9. Stages of Lobar Pneumonia
- 10. Fibroadenoma.
- 11. Pan carditis.

SECOND M.B.B.S. EXAMINATION

FORENSIC MEDICINE

Time : 2 Hours

Max. Marks: 40

Answer all questions

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

WRITE SHORT NOTES ON:

5X4=20

- 2. Factors that modify the actions of poison.**
- 3. Professional misconduct**
- 4. Obscure Autopsy.**
- 5. Complications of criminal abortion.**
- 6. Mc Naughten Rule.**

WRITE BRIEFLY ON:

5X2=10

- 7. Expert witness.**
 - 8. Artifacts.**
 - 9. Defense wounds.**
 - 10. Bestiality.**
 - 11. Subpoena.**
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M.B.B.S. DEGREE EXAMINATION – MARCH/APRIL, 2008
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(BACTERIOLOGY & IMMUNOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

- 1. Classify hypersensitivity reactions with examples. (5+5=10)**

Describe type I hypersensitivity.

WRITE SHORT NOTES ON:

(5x4=20)

- 2. Complement**
- 3. Lab diagnosis of Helicobacter infection**
- 4. Pathogenesis of autoimmune diseases**
- 5. Compare Exotoxins and Endotoxins**
- 6. Types of bacteriologic Media**

WRITE BRIEFLY ON:

(5x2=10)

- 7. Adjuvants**
- 8. Rapid Plasma Reagin (RPR) test**
- 9. Acinetobacter**
- 10. Prophylaxes of whooping cough**
- 11. Plague**

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M.B.B.S. DEGREE EXAMINATION – MARCH/APRIL, 2008
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(VIROLOGY, MYCOLOGY & PARASITOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. List the intestinal amoebae. Describe the pathogenicity

and life cycle of E. histolytica.

(2+3+5=10)

WRITE SHORT NOTES ON:

(5x4=20)

2. Prophylaxes of Polio-myelitis

3. Cryptosporidium

4. Dimorphic fungi

5. General characters of viruses

6. Flaviviruses

WRITE BRIEF NOTES ON:

(5x2=10)

7. Morphology of Haemoflagellates

8. Penicilliosis

9. Hydatid cyst

10. Cell cultures for growing viruses

11. Eggs of Nematodes

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M.B.B.S. DEGREE EXAMINATION – MARCH/APRIL, 2008
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Classify antihypertensive drugs. Write the pharmacological actions, uses and adverse effects of Ramipril. 10

WRITE SHORT NOTES ON: 5x4=20

2. Newer antiepileptic drugs
3. Drugs used in glaucoma
4. Pharmacokinetic drug interactions
5. Treatment of Morphine poisoning
6. Uses of α – adrenergic blockers.

WRITE BRIEFLY ON: 5x2=10

7. What is drug synergism? Give two examples
8. Two drugs used sublingually and two advantages of sublingual route.
9. Two contraindications for the use of Atrophine. Explain the rationale.
10. Two uses and two adverse effects of Hydrochlorothiazide
11. Write two drugs inducing parkinsonism and two drugs used in drug induced parkinsonism

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M.B.B.S. DEGREE EXAMINATION – MARCH/APRIL, 2008
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-II

505-B

Time : 2 Hours

Answer all questions

Max. Marks: 40

1. Enlist Hypoglycemic agents. Write the mechanism of action, pharmacological actions and adverse effects of any one oral hypoglycemic agent.

10

WRITE SHORT NOTES ON:

5x4=20

2. Adverse effects and therapeutic uses of Metronidazole.
3. Fluconazole
4. Anticancer antibiotics
5. Mechanism of action and uses of Heparin
6. Antitussives

WRITE BRIEFLY ON:

5x2=10

7. Two drugs useful in acid peptic disease. Give reasons for their use.
8. Mechanism of action and one use of Methyl ergometrine
9. Two advantages of loratidine over Diphenhydramine
10. Rationale of combination of two drugs in Cotrimoxazole, write one use.
11. Deferiprone – Mechanism of action and one use.

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M.B.B.S. DEGREE EXAMINATION – MARCH/APRIL, 2008
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. A male child presented with recurrent painful haemarthrosis and haematomas. History of bleeding in male relatives on the maternal side of the family was available. (10)
- a) What is the propable diagnosis?
 - b) Describe the Inheritance of the disease?
 - c) Describe the lab.diagnosis of the disease?
 - d) Mention the complications following the therapy?

WRITE SHORT NOTES ON:

(5x4=20)

- 2. Giant cells
- 3. Nature of amyloid
- 4. Thrombo embolism
- 5. Tumour markers
- 6. Pathogenesis of Sickle cell disease

WRITE BRIEFLY ON:

(5x2=10)

- 7. Barr body
- 8. Shock lung
- 9. Lesions of Vit.A deficiency
- 10. Juvenile chronic myeloid leukaemia
- 11. Rhinosporidiosis

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MBBS DEGREE EXAMINATION – MARCH/APRIL, 2008
SECOND MBBS DEGREE EXAMINATION
PATHOLOGY
PAPER-II
SYSTEMIC PATHOLOGY

Time : 2 Hours

Max. Marks : 40

ANSWER ALL QUESTIONS

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1. A 8 year old boy was admitted with malaise, fever, oliguria, cocoa-coloured Urine 2 weeks after recovery from sore throat. On examination, he was found to have peri orbital oedema and moderate hypertension 10
- a) What is the propable diagnosis?
 - b) Describe the aetio pathogenesis of the condition?
 - c) What is the morphology of the organ involved
 - d) List the urinary findings of the condition?

WRITE SHORT NOTES ON:

5x4=20

- 2. Bacterial endocarditis
- 3. Carcinoma cervix
- 4. Reed-Sternberg(R-S) Cell
- 5. Malignant melanoma
- 6. Bronchiectasis

WRITE BRIEFLY ON:

5x2=10

- 7. Phyllodes tumour
 - 8. Barrett oesophagus
 - 9. Pigment gall stones
 - 10. Brain abscess
 - 11. Tuberculous osteomyelitis
-

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M.B.B.S. DEGREE EXAMINATION – MARCH/APRIL, 2008
SECOND M.B.B.S. EXAMINATION
FORENSIC MEDICINE

Time : 2 Hours

Max. Marks : 40

Answer all questions

- ✓ 1. Classify mechanical wounds. Describe briefly the various types of abrasions and their medico legal significance. 10

WRITE SHORT NOTES ON:

5x4=20

- ✓ 2. Different types of strangulations
- ✓ 3. Causes of impotency in males
- 4. Chronic alcohol poisoning
- ✓ 5. Suspended Animation
- 6. Hallucinations

WRITE BRIEFLY ON:

5x2=10

- ✓ 7. Cardiac Tamponade
- 8. Fat Embolism
- ✓ 9. Infamous conduct
- 10. Rule of nine
- ✓ 11. Post mortem lividity

M.B.B.S. DEGREE EXAMINATION - SEPTEMBER/OCTOBER, 2007
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(BACTERIOLOGY & IMMUNOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Classify the Genus Mycobacteria. Discuss the morphology
and laboratory diagnosis of Pulmonary tuberculosis. $3+3+4=10$

$5 \times 4 = 20$

WRITE SHORT NOTES ON:

2. Staphylococcus aureus
3. Robert Koch
4. Agglutination Reactions
5. Haemophilus influenza
6. Bacterial spore

$5 \times 2 = 10$

WRITE BRIEFLY ON:

7. Phagocytosis
 8. Blood culture
 9. Macfayden Reaction
 10. Milk Ring Test
 11. Helicobacter Pylori
-

M.B.B.S. DEGREE EXAMINATION - SEPTEMBER/OCTOBER, 2007
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(VIROLOGY, MYCOLOGY & PARASITOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Mention the malarial parasite pathogenic to man. Describe the Morphology, life cycle and laboratory diagnosis of Plasmodium falciparum.

(2+2+3+3=10)

WRITE SHORT NOTES ON:

(5x4=20)

2. Histoplasma capsulatum
3. Mycetism
4. Slow viruses
5. Laboratory diagnosis of fungi
6. Live viral vaccines

WRITE BRIEFLY ON:

5x2=10)

7. Interferon
 8. HIV
 9. Germ tube test
 10. Sabourads Dextrose Agar
 11. Isospora belli
-

M.B.B.S. DEGREE EXAMINATION - SEPTEMBER/OCTOBER, 2007
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Classify antidepressants. Mention the uses of Imipramine with rationale. Add a note on newer antidepressants.

10

WRITE SHORT NOTES ON:

5x4=20

2. Atropine substitutes.
3. Treatment of hypertensive crisis.
4. Enteral routes of drug administration.
5. Adverse effects of Furosemide
6. Uses of Neostigmine

WRITE BRIEFLY ON:

5x2=10

7. Two uses and two adverse effects of Pethidine.
8. Two drugs used in congestive cardiac failure with rationale.
9. Name the drug used in acute attack of migraine.

Write its mechanism of action.

10. Write two drugs inducing microsomal enzymes.

Give one example and its clinical relevance.

11. Write two uses of nitrates with rationale.

505-B

M.B.B.S. DEGREE EXAMINATION - SEPTEMBER/OCTOBER, 2007
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

-
1. Enumerate macrolide antibiotics. Write the spectrum of action, therapeutic uses and adverse effects of Azithromycin. 10

WRITE SHORT NOTES ON:

5x4=20

2. Antioestrogens.
3. Ondansetron.
4. Parenteral iron preparations.
5. Loratidine.
6. Mast cell stabilizers.

WRITE BRIEFLY ON:

5x2=10

7. Dimercaprol - one use and its rationale.
8. Advantages of prednisolone over hydrocortisone
9. Rationale of low dose aspirin in myocardial infarction.
10. Two drugs used as oxytocics and mechanism of action of any one of them.
11. Basis of using Glibenclamide in diabetes mellitus.

M.B.B.S. DEGREE EXAMINATION - SEPTEMBER/OCTOBER, 2007
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

-
1. A 40 year male was admitted with easy fatiguability, weakness, weight loss and night sweats. On examination massive splenomegaly was noted. Total leucocyte count was 275,000/ul. 10
- a) What is the propable diagnosis?
- b) Describe the chromosomal abnormality of the disease?
- c) Describe the peripheral blood smear and bone marrow findings of the same?

WRITE SHORT NOTES ON:

(5x4=20)

2. Fatty liver
3. Chemical carcinogenesis
4. Cell derived chemical mediators of inflammation
5. Lab. Diagnosis of Iron deficiency anaemia
6. Klinefelter's syndrome

WRITE BRIEFLY ON:

(5x2=10)

7. Grading and Staging of cancer
 8. Prothrombin time
 9. Complications of wound healing
 10. Mycetoma
 11. Stages of shock
-

507-B

M.B.B.S. DEGREE EXAMINATION - SEPTEMBER/OCTOBER, 2007
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(SYSTEMIC PATHOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. A 48 year old male presented with weight loss, anorexia, vomiting and a mass in the epigastric region. On investigation, he was detected to have rigid, thickened leather bottle stomach and a space occupying lesion in the liver.

10

- a) What is the propable diagnosis?
b) What are the factors associated with the causation of the condition?
c) Describe the morphology of the organ involved?
d) Describe the mode of spread?

WRITE SHORT NOTES ON:

5x4=20

2. Kidney changes in hypertension
3. Acute pancreatitis
4. Rheumatic heart disease
5. Benign prostatic hyperplasia
6. Pheochromocytoma

WRITE BRIEFLY ON:

5x2=10

7. Paget disease of the nipple
8. Meningioma
9. Causes of lymphadenopathy
10. Classification of bronchogenic carcinoma
11. Serologic markers of hepatitis B virus (HBV)

508-A

M.B.B.S. DEGREE EXAMINATION - SEPTEMBER/OCTOBER, 2007
SECOND M.B.B.S. EXAMINATION
FORENSIC MEDICINE

Time : 2 Hours

Answer all questions

Max. Marks : 40

-
- 1) Describe the symptoms, signs, treatment and autopsy

10

appearances in organo-phosphorous poisoning.

5x4=20

WRITE SHORT NOTES ON:

- 2) Magistrate's Inquest
- 3) Functions of State Medical Council
- 4) Rigormortis
- 5) Primary impact injury
- 6) Throttling

5x2=10

WRITE BRIEFLY ON:

- 7) Precipitate Labour
 - 8) Hydrostatic Test
 - 9) Bestiality
 - 10) Lucid Interval
 - 11) Run Amok
-

506-A

M.B.B.S. DEGREE EXAMINATION - MAY, 2007
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(BACTERIOLOGY & IMMUNOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

-
1. Discuss the morphology culture characteristics and laboratory

diagnosis of *Corynebacterium diphtheriae*.

(3+3+4=10)

WRITE SHORT NOTES ON:

5x4=20

2. Laboratory diagnosis of cholera
3. Fluorescent Microscope
4. Enzyme Immuno Assay
5. *Yersenia pestis*
6. Flagella

WRITE SHORT NOTES ON:

5x2=10

7. Tumour antigen
 8. IMViC reactions
 9. Mantoux test
 10. Enrichment media
 11. Kauffman white scheme for salmonella
-

506-B

M.B.B.S. DEGREE EXAMINATION - MAY, 2007
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(VIROLOGY, MYCOLOGY & PARASITOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

-
1. Mention protozoan parasites pathogenic to man. Describe

morphology life cycle and laboratory diagnosis of *Entamoeba*

histolytica.

(2+2+3+3=10)

WRITE SHORT NOTES ON:

5x4=20

2. *Candida albicans*
3. Mycetoma
4. HIV
5. Prophylaxis against polio
6. Rabies vaccines

WRITE BRIEFLY ON:

5x2=10

7. Tissue culture
 8. Exoparasites
 9. Slide culture for fungi
 10. Sabourads Dextrose Agar
 11. *Pneumocystis carinii*
-

MAY-2007

505-A

M.B.B.S. DEGREE EXAMINATION - MAY, 2007
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Classify antihypertensive drugs giving suitable examples. Write the mechanism of action, adverse effects and uses of Ramipril. 10

WRITE SHORT NOTES ON:

5X4=20

2. Define drug 'synergism'. Give two useful types of synergism, with suitable examples.
3. Advantages and disadvantages of intravenous route of drug administration.
4. Neostigmine - - mechanism of action and indications.
5. Enlist drugs used for migraine. Mechanism of action of two drugs acting by different mechanism.
6. Furosemide - - Site, mechanism of action and adverse effects.

WRITE BRIEFLY ON:

5X2=10

7. How does valdecoxib differ from Ibuprofen? Basis for their use
8. Allopurinol - Write one harmful drug interaction
9. Carbamazepine - mechanism of action and two uses
10. Prazosin - Two uses and precaution to be taken during its use
11. Advantages of atenolol over Propranolol.

M.B.B.S. DEGREE EXAMINATION - MAY, 2007
SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. Enlist the Beta-lactum antibiotics. 10
Write the mechanism of action, adverse effects and uses of Amoxicillin.

WRITE SHORT NOTES ON:

5x4=20

2. Enlist oral antidiabetic drugs.
Mechanism of action and adverse effects of any one of them.
3. Name the Proton pump inhibitors.
Mechanism of action and adverse effects of any one of them.
4. Mention the drugs used as thrombolytics.
Write the indications.
5. Write the rationale of using oestrogen and progesterone in oral contraceptive pill. Enlist the adverse effects of oestrogens.
6. Role of corticosteroids in the treatment of bronchial asthma.

WRITE BRIEFLY ON:

5x2=10

7. Name two chelating agents. Write their uses.
8. Name two antiplatelet drugs.
Mechanism of action and uses.
9. Write the mechanism of action for two antiemetic drugs, each acting by different mechanism.
10. Mifepristone -- uses and mechanism of action.
11. Adverse effects and uses of Rifampicin.

M.B.B.S. DEGREE EXAMINATION - MAY, 2007
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(SYSTEMIC PATHOLOGY)
PAPER-II

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. An elderly male, chronic smoker presented with steadily progressive dyspnoea. On examination he was found to be barrel chested and dyspnoeic with prolonged Expiration, sits forward in a hunched over position and breaths through pursed Lips. Chest X-ray revealed hyperinflation and small heart. 10
- a) What is the probable diagnosis ?
 - b) Explain the role of smoking in the causation of the disease ?
 - c) Describe the morphology of the organ involved ?
 - d) List the complications ?

WRITE SHORT NOTES ON:

5x4=20

- 2. Graves disease
- 3. Prognostic factors of breast carcinoma
- 4. Chronic pyelonephritis
- 5. Ulcerative colitis
- 6. Ewing sarcoma

WRITE BRIEFLY ON:

5x2=10

- 7. Enzyme changes in myocardial infarction
- 8. Morphology of hydatidiform mole
- 9. Nodular sclerosis type of hodgkin's lymphoma
- 10. Pre malignant conditions of skin
- 11. Aetiology of hepatocellular carcinoma

M.B.B.S. DEGREE EXAMINATION - MAY, 2007
SECOND M.B.B.S. EXAMINATION
PATHOLOGY
(GENERAL PATHOLOGY & HAEMATOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks : 40

Answer all questions

1. A 2 year old child presented with fatigue, fever, epistaxis, bleeding gums and bone Pain. On examination, generalized lymphadenopathy and hepatosplenomegaly was noted. Total leucocyte count was 150,000/ul . 10
- a) What is the probable diagnosis?
 - b) Describe the cytogenetics of the disease.
 - c) Describe the peripheral blood smear and bone marrow findings of the same.
 - d) Describe the prognostic factors of the disease.

WRITE SHORT NOTES ON:

5x4=20

- 2. Healing by second intention
- 3. Free radicals and cell injury
- 4. Cardiac oedema
- 5. Immune thrombocytopenia
- 6. Paraneoplastic syndromes

WRITE BRIEFLY ON:

5x2=10

- 7. Antinuclear antibody
 - 8. Triple response
 - 9. Megaloblast
 - 10. Lepromatous leprosy
 - 11. Anaplasia
-

508-A

M.B.B.S. DEGREE EXAMINATION - MAY, 2007
SECOND M.B.B.S. EXAMINATION
FORENSIC MEDICINE

Time : 2 Hours

Max. Marks : 40

Answer all questions

-
1. Classify asphyxial forms of death. Describe the postmortem findings in a case of death due to hanging. 10

WRITE SHORT NOTES ON:

5x4=20

2. Professional secrecy
3. Grievous Hurt
4. Hallucination
5. Treatment of snake bite
6. Viability of a foetus

WRITE BRIEFLY ON:

5x2=10

7. Pugilistic Attitude
 8. Hesitation cuts
 9. Conduct Money
 10. True virgin
 11. Vitriolage
-