# 506-A-SECOND M.B.B.S. DEG. EXAMINATION – JULY, 2011-MICROBIOLOGY-PAPER-I

## (BACTERIOLOGY & IMMUNOLOGY)-Time : 2 Hours-Max. Marks: 40-Answer all questions

1,,Define and classify hypersensitivity. Write in detail about Type I hypersensitivity. = 10m WRITE SHORT NOTES ON=5X4=20m

2 Transduction. 3, PCR (Polymerase Chain Reaction). 4. Coagulase Test. 5. VDRL. 6, Acquired immunity. WRITE BRIEFLY ON:= 5X2=7. ‘IMViC’ test. 8. Tyndallization 9. M’Fadyean’s reaction.

10. Neill Mooser reaction. 11. Graft Vs Host reaction.

# 506-A-SECOND-M.B.B.S. DEGREE EXAMINATION – JANUARY, 2011-MICROBIOLOGY

## 1. Name the bacterial agents causing diarrhea. Write the pathogenesis laboratory diagnosis of cholera Write Short Notes=5x4=2. Bacteral capsule. 3. Anaerobic culture methods.

4. Elek’s gel precipitation test. 5. Hot air oven. 6. ELISA.

Write Briefly On=5x2=7. Louis Pasteur. 8. Bacterial conjugation. 9. Quellung reaction.

10. Relapsing fever. 11. Type IV hypersensitivity.

506-A-SECOND M.B.B.S. DEGREE EXAMINATION – AUGUST, 2010-MICROBIOLOGY-PAPER-I

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

Write Short Notes On:=5X4=2. Anaphylaxis. 3. Hot Air Oven.

4.Enzyme Linked Immunosorbent Assay (ELISA) 5.Laboratory Diagnosis of Syphilis. 6.Gas gangrene.

## Write Briefly On=5X2=7. Selective Media. 8. Structure of Immunoglobulin – M

9. Satellitism. 10. Halophilic vibrios. 11. Two differences between exotoxin and endotoxin.

506-A-SECOND M.B.B.S. DEGREE EXAMINATION – MARCH, 2010-MICROBIOLOGY-PAPER-I

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

Write Short Notes On=5X4=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=7. BCG Vaccine. 8. Lyme disease. 9. Helicobacter Pylori.

10. Enriched Medium. 11. ASO (Anti-Streptolysin-O) Test.

**506-A-SECOND MBBS. DEG. EXAMINATION-AUGUST, 2009-MICROBIOLOGY-PAPER-I**

1. Define and classify hypersensitivity. Describe in detail about Class I hypersensitivity=1+3+6=10 Write Short Notes On:= 5X4=2. Autoclave. 3. Immunoglobulin - G. 4. Bacterial Flagellum.

5. Widal Test 6. Cholera.

Write Briefly On= 5x2=7. DPT vaccine. 8. Robertson’s Cooked Meat Medium (RCM).

9. Coagulase Test. 10. Pasteurization. 11. Cell wall.

**506-A-SECOND MBBS. DEG. EXAM -FEB, 2009(SPP) –MICROBIOLOGY-PAPER-I**

1. Enumerate the organisms causing Enteric fever. Discuss its mode of spread and laboratory Diagnosis=10m Write Short=5x4=2. Autoclave. 3. IgA. 4. VDRL test 5. Bacterial cell wall 6. Active Immunity. Write Briefly On=5x2=7. Two tests for identification of Tuberculous bacilli.

## 8. Prophylaxes of tetanus. 9. Pseudomonas aeruginosa. 10. HLA. 11.Cytokines.

**506-A-SECOND M.B.B.S. DEGREE EXAMINATION – OCTOBER, 2008-PAPER-I**

1. Enumerate the Acid fast bacilli. Classify Leprosy. Discuss the Morphology and laboratory diagnosis of Mycobacterium leprae.=(3+3+4=10)

Write short notes on:= 5X4=2. Streptococcal Toxins. 3. Louis Pasteur. 4. Precipitation reactions.

6. Anthrax. 7. Bacterial capsule.

Write briefly on= 5X2=10=8. Heterophile antigen. 9. Coagulase test. 10. Blood agar.

11. String test. 12. Bacterial live vaccines.

**506-A=DEG. EXAM– MARCH/APRIL, 2008-SECOND M.B.B.S. EXAMINATION**

1. Classify hypersensitivity reactions with examples. Describe type I hypersensitivity. =(5+5=10m)

Write short notes on:= (5x4=20)=a) Complement b) Lab diagnosis of Helicobacter infection

1. Pathogenesis of autoimmune diseases d) Compare Exotoxins & Endotoxins e) Types of bacteriologic Media

## Write briefly on: -(5x2=10)=a) Adjuvants b) Rapid Plasma Reagin (RPR) test c) Acinetobacter

1. Prophylaxes of whooping cough e) Plague

**SEPT/OCT, 2007- MICROBIOLOGY-PAPER-I**

1. Classify the Genus Mycobacteria. Discuss the morphology & laboratory diagnosis of Pulmonary tuberculosis Write short notes on: 5 x4 =20m; 2. Staphylococcus aureus 3. Robert Koch

4. Agglutination Reactions 5. Haemophilus influenza 6. Bacterial spore Write briefly on: 5 x 2 =10m; 7. Phagocytosis 8. Blood culture9. Macfayden Reaction 10.Milk Ring Test 11.Helicobacter Pylori

**MAY, 2007- MICROBIOLOGY-PAPER-I**

1. Discuss the morphology culture characteristics & laboratory diagnosis of Corynebacterium diphtheriae=10
2. Write short notes on: =5x4=20M=a) Laboratory diagnosis of cholera b) Fluorescent Microscope
3. Enzyme Immuno Assay d) Yersenia pestis e) Flagella
4. Write short notes on: =5x2=10m=a) Tumour antigen b) IMViC reactions c) Mantoux test
5. Enrichment media e) Kauffman white scheme for salmonella

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**506-B-SECOND MBBS. DEG. EXAMINATION – JULY, 2011=MICROBIOLOGY-PAPER-II**

(VIROLOGY, MYCOLOGY & PARASITOLOGY)-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.=10m

WRITE SHORT NOTES ON:= 5X4=20m

2. Herpes simplex virus. 2. Bacteriophage. 3. Life cycle of Ancylostoma duodenale.

4. Life cycle of Taenia saginata. 5. Dermatophytes. WRITE BRIEFLY ON: 5X2=10

6. Morphology of HIV 7. Name four (4) slow viral diseases. 8. Name two (2) free living amoebae

10. Morphology of Hydatid cyst. 11. Name four (4) opportunistic fungal infections.

**506-B-SECOND M.B.B.S. DEGREE EXAMINATION – JANUARY, 2011=MICROBIOLOGY**

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

## Write Short Notes On:=5X4=2. Cultivation of viruses 3. Dengue fever.

4. Life cycle of Entamoeba histolytica. 5. Larva migrans. 6. Mycetoma.

Write Briefly On=5X2=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.

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

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

Write Short Notes On=5X4=2. Dermatophytes. 3. Arboviral infections in India. 4. Hydatid cyst.

5. Mucormycosis. 6. Ascaris Lumbricoides.

Write Briefly=5X2=7. Interferon. 8. MMR vaccine. 9. NIH swab 10. Draw two non-bile stained Eggs.

11. Name two organisms causing primary amoebic meningoencephalitis.

**506-B-SECOND MBBS.DEG.EXAMINATION – MARCH, 2010-MICROBIOLOGY-PAPER-II**

1. Discuss the morphology, life cycle and pathogenicity of plasmodium falciparum. Write briefly on the laboratory diagnosis of malaria=10m

Write Short Notes= 5X4=2. Hepatitis B.Virus Structure & 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=7. Antigenic drift and shift. 8. Slow viral infections.

1. Name two arboviral infections in India and its vectors.
2. Four parasitic infections in Immuno-compromised patients. 11. Morphology of Aspergillus.

**506-B-SECOND MBBS. DEG. EXAMINATION-AUG, 2009-MICROBIOLOGY-PAPER-II**

1. Describe the Morphology, Pathogeesis & Laboratory Diagnosis of HIV. Add a note on universal precautions Write Short Notes On:=5x4=2. Kala Azar. 3. Microfilaria. 4. Cryptococcosis.

5. Post exposure prophylaxis in Rabies.. 6. Cultivation of viruses. Write Briefly On=5x2=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.

**506-B-SECOND MBBS. DEG. EXAM – FEB, 2009(SPP)-MICROBIOLOGY-PAPER-II**

1. Classify myxoviruses. Describe the laboratory diagnosis and prophylaxes of influenza= (4+4+2) Write Short Notes On:= 5x4=20m=2. Modes of transmission and pathogenesis of HIV.

3. Hookworm. 4. Viral replication. 5. Cryptococcus. 6. Mucor.

Write Briefly On=5x2=7. Paul-Bunnell test. 8. Dengue. 9. Lab diagnosis of HBV infection

10. Toxoplasma. 11. Japanese Encephalitis.

**OCTOBER, 2008-MICROBIOLOGY-(VIRO, MYCOLOGY & PARASITOLOGY)-PAPER-II**

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=10m=7. Molluscum Contagiosum 8. Hepatitis “B” virus 9. Ectothrix

10. Sabouraud’s glucose agar. 11. Rhinosporidiosis.

**506-B-DEGREE EXAMINATION – MARCH/APRIL, 2008-SECOND MBBS. –PAPER-II**

1. List the intestinal amoebae. Describe the pathogenicity and life cycle of E. histolytica=(2+3+5)
2. Write short notes on: =(5x4=20)=a) Prophylaxes of Polio-myelitis b) Cryptosporidium
   1. Dimorphic fungi d) General characters of viruses e) Flaviviruses
3. Write Brief Notes On(5x2)a) Morphology of Haemoflagellates b) Penicilliosis c) Hydatid cyst
   1. Cell cultures for growing viruses e) Eggs of Nematodes

SEPT/OCT, 2007 MICROBIOLOGY-PAPER-II

1. Mention the malarial parasite pathogenic to man. Describe the morphology, life cycle and laboratory diagnosis of Plasmodium falciparum=2+2+3+3

Write short notes on: 5 x 4 =20m; 2. Histoplasma capsulatum 3. Mycetism 4. Slow viruses

5. Laboratory diagnosis of fungi 6. Live viral vaccines

Write briefly=5 x 2=7. Interferon 8. HIV 9. Germ tube test 10. Sabourads Dextrose Agar 11. Isopora belli

MAY, 2007 MICROBIOLOGY-PAPER-II

1. Mention protozoan parasites pathogenic to man. Describe morphology life cycle and laboratory diagnosis of Entamoeba histolytica.=(2+2+3+3=10)
2. Write short 5x4=a) Candida albicans b) Mycetoma c)HIV d) Prophylaxis against polio e)Rabies vaccines
3. Write briefly on: =5x2=10=a) Tissue culture b) Exoparasites c) Slide culture for fungi d)Sabourads Dextrose Agar e) Pneumocystis carinii

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# 505-A-SECOND M.B.B.S. DEGREE EXAMINATION – JULY, 2011-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= 10m

WRITE SHORT NOTES ON:= 5X4=20m

2. Mechanism of action of Succinylcholine. 3. Selective serotonin reuptake inhibitors.

4. Beta-2 stimulants. 5. Mechanism of action and indications of Neostigmine.

1. Therapeutic uses and adverse effects of Morphine. WRITE BRIEFLY ON:= 5X2=10m
2. Mention the benefits obtained on combining carbidopa with levodopa.
3. Write two uses of nitrates with rationale.
4. Mention two uses and two adverse effects of sodium valproate.
5. What is Up regulation and Down regulation of receptors? Give examples.
6. List two classes of drugs used in the therapy of migraine.

**505-A-SECOND MBBS. DEG. EXAM-JANUARY, 2011-PHARMACOLOGY-PAPER-I**

1. Classify the drugs used in epilepsy. Write the mechanism of action and adverse effects of sodium valproate=10m

Write Short Notes On=5x4=20m

1. 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.

1. Acetazolamide.

Write Briefly On=5X2=10

1. 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.

**505-A-SECOND M.B.B.S. DEG. EXAM – AUGUST, 2010=PHARMACOLOGY=PAPER-I**

1. Classify muscarinic receptor antagonists. Write in brief the pharmacological actions and therapeutic uses of atropine. =10m

Write Short Notes On=5X4=20m

1. Drug tolerance. 3. Cardioselective beta blockers. 4. Selective cox-2 inhibitors.

5. Therapeutic uses and adverse effects of chlorpromazine. 6. Furosemide (Frusemide). Write Briefly On=5X2=7. What is plasma half life? Mention its clinical significance.

1. Mention four factors influencing biotransformation of drugs.
2. Rationale of using verapamil in supra ventricular tachycardia.
3. Mention four drugs used in hypertensive emergencies.
4. Mechanism of action of dantrolene and its two uses.

**505-A-SECOND MBBS. DEG. EXAMINATION-MARCH, 2010-PHARMACOLOGY-PAPER-I**

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

Write Short Notes On: =5X4=20m=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=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.

1. Rationale of using ethyl alcohol in methyl alcohol poisoning.
2. What is propofol? Mention its clinical use.

**505-A-SECOND M.B.B.S. DEGREE EXAM– AUGUST, 2009-PHARMACOLOGY-PAPER-I**

1. Classify Sympathomimetics. Write the pharmacological actions of Epinephrine on Cardiovascular system. Mention the uses of Epinephrine.=10m

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=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.

**505-A-SECOND-M.B.B.S. DEG. EXAM-APRIL, 2009-PHARMACOLOGY-PAPER-I**

1. Write the factors modifying drug action=10m

Write Short Notes On=5x4=20m==2. Mechanism of action of sumatriptan.

1. Therapeutic uses and adverse affects of Alpha adrenergic receptor Antagonists.
2. 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.

**505-A-SECOND M.B.B.S. DEG. EXAM– OCTOBER, 2008 PHARMACOLOGY-PAPER-I**

1. Classify skeletal muscle relaxants. Write the mechanism of action, uses & adverse effects of Succinylcholine 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. 7. Intravenous general anaesthetics. Write briefly on: =5X2=10=8. Two uses of Digoxin and the basis for use.

9. Two uses and two adverse effects of Morphine. 10. Reasons for using furosemide with spironolactone.

11. Mechanism of action & two uses of Diphenyl hydantoin. 12.Two types of drug antagonism with suitable Ex

**505-A-DEG. EXAM– MARCH/APRIL, 2008-2nd MBBS.PAPER-I-PHARMACOLOGY**

1. Classify antihypertensive drugs. Write the pharmacological actions, uses&adverse effects of Ramipril.
2. Write short notes on: =5x4=20

a) Newer antiepileptic drugs b) Drugs used in glaucoma c) Pharmacokinetic drug interactions

d) Treatment of Morphine poisoning e) Uses of α – adrenergic blockers.

1. Write briefly on: =5x2=10m=a) What is drug synergism? Give two examples
2. Two drugs used sublingually and two advantages of sublingual route.
3. Two contraindications for the use of Atrophine. Explain the rationale.
4. Two uses and two adverse effects of Hydrochlorothiazide
5. Write two drugs inducing parkinsonism and two drugs used in drug induced parkinsonism

**SEPT/OCT, 2007**

1. Classify antidepressants. Mention the uses of Imipramine with rationale. Add a note on newer antidepressants Write short notes on: 5 x 4 =20m; 2. Atropine substitutes 3. Treatment of hypertensive crises

4. Enteral routes of drug administration 5. Adverse effects of Furosemide 6. Uses of Neostigmine Write briefly on: 5 x 2 =10m; 7. Two uses and two adverse effects of Pethidine

1. Two drugs used in congestive cardiac failure with rationale
2. Name the drug used in acute attack of migraine. Write its mechanism of action.
3. Write two drugs inducing microscomal enzymes. Give one example and its clinical relevance. 11.Write two uses of nitrates with rationale.

**MAY, 2007 -PAPER-I**

1. Classify antihypertensive drugs giving suitable examples. Write the mechanism of action, adverse effects and uses of Ramipril=10m
2. Write short notes=5X4=a) Define drug ‘synergism’. Give 2- useful types of synergism, with suitable example
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.
7. Write briefly on=5X2=10=a) How does valdecoxib differ from Ibuprofen? Basis for their use

b) Allopurinol – Write one harmful drug interaction c) Carbamazepine – mechanism of action and two uses

1. Prazosin – Two uses and precaution to be taken during its use
2. Advantages of atenolol over Propranolol.

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**505-B-SECOND MBBS. DEG. EXAMINATION – JULY, 2011-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=20m

2. Uterine stimulants. 3. Mechanism of action and uses of cyclosporine.

1. Name third generation cephalosporins. Mention their clinical uses.
2. Protease inhibitors. 6. Role of corticosteroids in the treatment of Bronchial Asthma. WRITE BRIEFLY ON= 5x2=10m

7. Name two oral and two injectable iron preparations. 8. What is super infection? Give one example.

1. Uses and adverse effects of Rifampicin.
2. Name two alkaloids used in cancer therapy. Mention one use.
3. Name two chelating agents. Mention one use of each.

**505-B-SECOND M.B.B.S. DEG. EXAMINATION – JANUARY, 2011-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=20m

2. Mechanism of action and adverse effects of sulfonylureas. 3. Mucolytics. 4. Preparations of Iron.

5. Lepra reaction. 6. Methotrexate. WRITE BRIEFLY ON=5x2=10m

1. Rationale of using ergometrine in post partum haemorrhage.
2. Rationale of combination of pyrimethamine and sulfadoxine in malaria.
3. Mention any two - two week drug treatment regimens used in Helicobacter pylori infection.
4. Rationale of combination of estrogen and progestin as oral contraceptive.
5. Mechanism of action of diethyl carbamazine.

505-B=SECOND M.B.B.S. DEGREE EXAM – AUGUST, 2010-PHARMACOLOGY=PAPER-II

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

WRITE SHORT NOTES ON=5x4=20m

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

WRITE BRIEFLY ON=5x2=10m

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

**505-B-SECOND MBBS.DEG. EXAM-MARCH, 2010-PHARMACOLOGY-PAPER-II**

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

Write Short Notes On:= 5x4=2. General pharmacological properties of aminoglycoside antibiotics.

3. Mechanism of action of clomiphene cirate. 4. Adverse effects of tetracyclines.

5. Metoclopramide. 6. Mecahnism of action and adverse effects of carbimazole. Write Briefly On=5x2=10m

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.

# 505-B-SECOND M.B.B.S. DEGREE EXAM– AUGUST, 2009-PHARMACOLOGY-PAPER-II

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=10m

Write Short Notes On=5x4=2. Tocolytic drugs. 3. Drugs used for Resistant Falciparum Malaria.

4. Insulin Resistance. 5. Itraconazole – 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.

1. Why Tetracyclines are contraindicated in children under 5 years?
2. Name two low molecular weight heparins. Mention two advantages. 11.Mention disadvantages of Liquid Paraffin as Laxative.

**505-B-SECOND MBBS. DEG. EXAM – FEB. 2009(SPP)-PHARMACOLOGY-PAPER-II**

1. Classify cephalosporins. Write their general therapeutic uses and adverse effects=10m Write Short Notes On-5x4=20=2. Therapeutic uses and adverse effects of chloroquine.

3. Mechanism of action and adverse effects of Heparin. 4. Purine Antagonists.

5. Mechanism of action of oral Hypoglycemic drugs. 6. Osmotic purgatives.

Write Briefly On=5x2=10=7. Enumerate four important clinical uses of Glucocorticoids.

8. Metronidazole – Indications for its use. 9. Rationale of using Tamoxifen in Breast Cancer.

1. Name newer Macrolides. Mention their advantages.
2. Mention one use of Radioactive iodine. Mention its disadvantages.

**505-B-SECOND M.B.B.S. DEG. EXAM– OCTOBER, 2008 PHARMACOLOGY-PAPER-II**

1. Classify penicillin preparations. Write the mechanism of action, uses & adverse effects of Ampicillin.=10 Write short notes on: =5X4=20m=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.

**505-B-DEG. EXAM– MAR/APR, 2008-2nd MBBS-PHARMACOLOGY-PAPER-II**

1. Enlist Hypoglycemic agents. Write the mechanism of action, pharmacological actions and adverse effects of any one oral hypoglycemic agent.= 10
2. Write short notes on: =5x4=2=a) Adverse effects and therapeutic uses of Metronidazole.

b) Fluconazole c) Anticancer antibiotics d) Mechanism of action and uses of Heparin e) Antitussives

1. Write briefly on: =5x2=10=a) Two drugs useful in acid peptic disease. Give reasons for their use.
2. Mechanism of action and one use of Methyl ergometrine
3. Two advantages of loratidine over Diphenhydramine
4. Rationale of combination of two drugs in Cotrimoxazole, write one use.
5. Deferiprone – Mechanism of action and one use.

**505-B-SECOND M.B.B.S. DEG. EXAMINATION –SEPT/OCT, 2007 PHARMACOLOGY-PAPER-II**

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

Write short notes on: 5 x 4 =20m; 2. Antiestrogens 3. Ondansetron

4. Parenteral iron preparations 5. Loratidine 6. Mast cell stabilizers Write briefly on: 5 x 2 =10m; 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

**MAY, 2007 – PAPER-II**

1. Enlist the Beta-lactum antibiotics.Write the mechanism of action, adverse effects and uses of Amoxicillin. 2 write short notes on: =5x4=20

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

3. Write briefly on: =5x2=10m=a) Name two chelating agents. Write their uses.

1. Name two antiplatlet drugs. Mechanism of action and uses.
2. Write the mechanism of action for two antiemetic drugs, each acting by different mechanism.
3. Mifepristone - - uses and mechanism of action. e) Adverse effects and uses of Rifampicin.

Compiled by: V.Suryanarayana, Asst. Librarian, Dr.NTRUHS-VJA-8

# 507-A-SECOND M.B.B.S. DEGREE EXAMINATION – JULY, 2011-PATHOLOGY-PAPER-I

## (GENERAL PATHOLOGY & HAEMATOLOGY)-Time : 2 Hrs-Max. Maks:40-Answer all questions 1..35 year old female presented with fatigue, weakness, glossitis and peripheral neuropathy=m10 2..What is the provisional diagnosis? What special investigations we do in this case to confirm the

diagnosis? Describe the blood and bone marrow picture.

WRITE SHORT NOTES ON= 5x4=20m

3. Chemotaxis. 4. Primary complex. 5. Rhinosporidiosis. 6. Klinefelter’s syndrome.

1. Amyloidosis of spleen. WRITE BRIEFLY ON= 5x2=10m
2. Fate of a Thrombus 9. Blood Transfusion reactions. 10. Pathways of spread of malignant tumors.

11. Hypertrophy and Hyperplasia. 12. Hypovolaemic Shock.

**507-A-SECOND MBBS. DEG. EXAMINATION – JANUARY, 2011-PATHOLOGY-PAPER-I**

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=10m

1. What is the provisional diagnosis?
2. Describe the sequences of events in the pathogenesis of the disease.
3. Discuss various tests used for diagnosis and for monitoring treatment of the same. WRITE SHORT NOTES ON: 5 x 4 =20m

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: 5 x 2 =10m

7..Phlebothrombosis.

8..Clinical features and karyotypes of Turner Syndrome.

1. Mode of action of anticoagulants.
2. Pathogenesis of dystrophic calcification. 11.Name four tumor suppressor genes.

**507-A-SECOND M.B.B.S. DEG. EXAMINATION – AUGUST, 2010-PATHOLOGY-PAPER-I**

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.
   1. What is the provisional diagnosis?
   2. Discuss various laboratory investigations to confirm the diagnosis.=10

WRITE SHORT NOTES ON=5x4=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=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-A-SECOND M.B.B.S. DEG. EXAMINATION – MARCH, 2010-PATHOLOGY-PAPER-I**

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. =10m

Write Short Notes On:=5x4=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=7. What is paradoxical embolism? Give an example.

1. Morphology of Actinomycotic Mycetoma.
2. Name two cytogenic disorders involving sexchromosomes and two involving autosomes.
3. “Taby cat” appearance of heart (Tigered effect). 11. Myeloblast of AML3.

# 507-A-SECOND M.B.B.S. DEG. EXAMINATION – AUGUST, 2009-PATHOLOGY-PAPER-I

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.
   1. What is the provisional diagnosis?=10m
   2. Describe the Blood and Bone marrow picture of the above case. c) Discuss the prognosis of this disease. Write Short Notes On:= 5x4=2. Healing by first intention. 3. Klinefelter’s syndrome. 4. Primary complex.

5. Chemical carcinogens. 6. Metaplasia.

Write Briefly On:= 5x2=10m= 7. Sago spleen. 8. Various types of giant cells. 9. Sickling test. 10 . Mural thrombus. 11. Consequences of Vitamin A deficiency disease.

**507-A-SECOND M.B.B.S. DEG. EXAM – FEBRUARY, 2009(SPP)-PATHOLOGY-PAPER-I**

1. 45 year old male presented with weakness, fatigue, weight loss, night sweats and dragging sensation in the abdomen caused by massive splenomegaly.
   1. What is the provisional diagnosis?=10m
   2. What blood investigations should be done to confirm the diagnosis? Describe the peripheral smear findings.
   3. Which chromosomal abnormality is seen in this condition? Write Short Notes On=5x4=20
2. Phagocytosis. 3. Fate of thrombus. 4.Necrosis. 5.Indications for FNAC & its pitfalls. 6. Viral carcinogens. Write Briefly On:= 5x2=10m= 7. Exudate. 8. Vitamin C deficiency. 9. Metaplasia.

10 .Reticulocyte. 11. Special stains used in amyloidosis.

**507-A-2ND MBBS. DEGREE EXAM– OCTOBER, 2008 PATHOLOG-PAPER-I**

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.
   1. What is the provisional diagnosis?
   2. What blood investigations should be done to confirm the diagnosis?
   3. What is the test to be done on the bone marrow smear?

Write short notes on:= 5X4=20m=2. Lepromatous Leprosy. 3. Spread of Malignant tumors.

4. Chemotaxis. 5. Gangrene. 6. Exfoliative cytology.

Briefly: =5X2=7. Cardiac Oedema. 8. Healing by second intension. 9. Rickets. 10 .L.E. Cell

11. Down’s Syndrome.

**507-A-DEG.–MAR/APRIL, 2008-2nd MBBS. EXAMINATION-PATHOLOGY-PAPER-I**

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?

1. Describe the lab.diagnosis of the disease? d) Mention the complications following the therapy?
2. Write short notes: 5x4=a) Giant cells b) Nature of amyloid c) Thrombo embolism
3. Tumour markers e) Pathogenesis of Sickle cell disease
4. Write briefly on:= (5x2=10)=a) Barr body b) Shock lung c) Lesions of Vit.A deficiency

d) Juvenile chronic myeloid leukaemia e) Rhinosporidiosis

**507-A-SECOND MBBS. DEG. EXAM –SEPT/OCT, 2007-PATHOLOGY-PAPER-I**

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=10m
   1. What is the possible 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: 5 x 4 =20m; 2. Fatty Liver 3. Chemical carcinogenesis 4. Klinefelter’s syndrome

5. Cell derived chemical mediators of inflammation 6. Lab.diagnosis of Iron deficiency anaemia Write briefly on: 5 x 2 =10m; 7. Grading and Staging of cancer 8. Prothrombin time

9. Complications of wound healing 10.Mycetoma 11. Stages of shock

**MAY, 2007-PATHOLOGY-PAPER-I**

1. A 2 year old child presented with fatigue, fever, epistaxis, bleeding gums and bone Pain. On examination, generalized lymphadenopathy & hepatosplenomegaly was noted. Total leucocyte count was 150,000/ul= 10

a) What is the probable diagnosis? b) Describe the cytogenetics of the disease.

1. Describe the peripheral blood smear and bone marrow findings of the same.
2. Describe the prognostic factors of the disease.
3. Write short notes:= 5x4=a) Healing by second intention b) Free radicles and cell injury c) Cardiac oedema

d) Immune thrombocytopenia e) Paraneoplastic syndromes

1. Write briefly on:=5x2=10

a) Antinuclear antibody b) Triple response c) Megaloblast d) Lepromatous leprosy e) Anaplasia

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# 507-B-SECOND M.B.B.S. DEG. EXAMINATION – JULY, 2011-PATHOLOGY-PAPER-II

## (SYSTEMIC PATHOLOGY)-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=10m

1. What is the provisional diagnosis?
2. Discuss the evolution of pathologic changes in this condition?
3. What are the complications? WRITE SHORT NOTES ON=5x4=20m

2. Bronchiectasis. 3. Glioblastoma. 4. Seminoma. 5. Hashimoto’s Thyroiditis.

1. Chronic Pyelonephritis. WRITE BRIEFLY ON=5x2=10m Microscopic picture of the following:
2. Chronic Gastric ulcer. 8. Osteoclastoma. 9. Hydatidiform mole. 10. Reed-Sternberg Giant cells.

11. Alcoholic cirrhosis.

**507-B-SECOND MBBS. DEG. EXAMINATION – JANUARY, 2011-PATHOLOGY-PAPER-II**

1..A 43 year old male, chronic alcoholic dies after a bout of profuse hematemesis=10m

1. What is the probable diagnosis?
2. Desribe the morphological changes in the target organ involved.
3. Write the sequential events that have lead to death. WRITE SHORT NOTES ON: 5 x 4 =20m 2..Astrocytoma.

3..Morphology of Giant Cell Tumor of Bone. 4..Renal dysplasia.

5..Pathology of Aortic dissection. 6..Medullary carcinoma breast.

WRITE BRIEFLY ON: 5 x 2 =10m

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.

**507-B=SECOND MBBS. DEG. EXAMINATION – AUGUST, 2010=PATHOLOGY-PAPER-II**

1. 40 year old female presented with lump in the breast. The lump is hard and adhered to the underlying structures and axillary lymophnodes are enlarged.=10m

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=20m

1. 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. WRITE BRIEFLY ON: =5x2=10m

7. Condyloma acuminate 8. Endometriosis. 9. Histology of malignant melanoma.

10. Leukoplakia. 11. Sequestrum.

507-B=M.B.B.S. DEGREE EXAMINATION – MARCH, 2010

## 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.

1. What is probable diagnosis? =10m
2. Describe aetiopathogenesis and morphology of lesions in various organs involved.
3. Mention the complications.

WRITE SHORT NOTES ON: =5x4=2. Chronic contracted granular kidney. 3. Brenner tumour.

4. Morphology of pyogenic osteomyelitis. 5. Pathogenesis of Hepatocellular carcinoma.

6. Morphology of pheochromocytoma.

WRITE BRIEFLY ON: =5x2=7. Name the Benign and malignant tumors of the penis.

8. Warthin tumor. 9. Name four variant forms of Nevocellular Nevi.

10. Various histological types of Meningioma. 11. Various sites of chronic peptic ulcer.

**507-B-SECOND M.B.B.S. DEG. EXAMINATION – AUGUST, 2009-PATHOLOGY-PAPER-II**

(Systemic Pathology)-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=10m

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. Tetrology 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.

**507-B-M.B.B.S. DEGREE EXAM – FEBRUARY, 2009(SPP)-PATHOLOGY-PAPER-II**

1. 35 year old female with history of pharyngitis 1 month back, now presented with migratory polyarthritis and carditis=10m

a) What is the provisional diagnosis? b) What is the pathogenesis and pathology of the lesion?

c) Discuss its sequelae.

Write Short Notes On:= 5x4=20=2. Asbestosis. 3. Complications of diabetes mellitus.

4. Chronic pyelonephritis. 5. Dysgerminoma. 6. Medullary carcinoma of thyroid. Write Briefly On:= 5x2=10=7. Phyllodes tumour. 8. Gall stones. 9. Basal cell carcinoma

10. Carcinoma in situ. 11. Barrett’s oesophagus.

**507-B-OCTOBER, 2008-PATHOLOGY-(SYSTEMIC PATHOLOGY)-PAPER-II**

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 complaints of passing grape like vesicles. Her blood and urine hCG levels are elevated than normal pregnancy=10m

a) What is the provisional diagnosis? b) Describe gross and microscopic picture of the lesion?

c) Discuss its complications.

Write short notes on: =5X4=20m=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=10m=7. Paget’s disease of breast. 8. Wilms’ tumour.

9. Stages of Lobar Pneumonia 10. Fibroadenoma. 11. Pan carditis.

**507-B-DEG.– MAR/APR, 2008- EXAMINATION-PATHOLOGY-PAPER-II**

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 & moderate hypertension=(10)

a) What is the probable diagnosis? b) Describe the aetio pathogenesis of the condition?

c) What is the morphology of the organ?

1. Write short notes on: =(5x4=20)=a) Bacterial endocarditis b) Carcinoma cervix
2. Reed-Sternberg(R-S)cell d) Malignant melanoma e) Bronchiectasis
3. Write briefly on:= (5x2=10)=a) Phyllodes tumour b) Barrett oesophagus c) Pigment gall stones
4. Brain abscess e) Tuberculous osteomyelitis

**507-B-SECOND M.B.B.S. DEGREE EXAMINATION –SEPT/OCT, 2007-PATHOLOGY-PAPER-II**

1. A 48 years old male presented with weight loss, anorexia, vomiting and 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=10m

a) What is the probable 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: 5 x 4 =20m; 2. Kidney changes in hypertension 3. Acute Pancreatitis

4. Rheumatic heart disease 5. Benign prostatic hyperplasia 6. Phaeochromocytoma Write briefly on: 5 x 2 =10m; 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)

**MAY, 2007-PATHOLOGY-PAPER-II**

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 ?

1. Describe the morphology of the organ involved ? d) List the complications ?
2. Write short : =5x4=a) Graves disease b) Prognostic factors of breast carcinoma c) Chronic pyelonephritis
3. Ulcerative colitis e) Ewing sarcoma
4. Write briefly on: =5x2=a) Enzyme changes in myocardial infarction b) Morphology of hydatidiform mole

c) Nodular sclerosis type of hodgkin’s lymphoma d) Pre malignant conditions of skin

e) Aetiology of hepatocellular carcinoma

# 508-A-SECOND M.B.B.S. DEGREE EXAMINATION – JULY, 2011-FORENSIC MEDICINE

Time : 2 Hours-Max. Marks: 40-Answer all questions

## 1..Describe the symptoms, signs, treatment & autopsy findings in a case of organophosphorous poisoning=10m

WRITE SHORT NOTES ON=5x4=20m

2. Battered Baby Syndrome. 3. Dying Declaration. 4. Choking. 5. Narco-Analysis.

1. Classification of injuries. WRITE BRIEFLY ON=5x2=10m
2. Dowry death. 8. Illusion. 9. Tardieu Spots. 10. Holograph. 11. Expert Witness.

**508-A-SECOND MBBS. DEG. EXAMINATION – JANURARY, 2011-FORENSIC MEDICINE**

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

WRITE SHORT NOTES ON: 5 x 4 =20m

2..Conduct money. 3..Turner’s Syndrome 4..Algor mortis. 5..Café Coronary.

6. Sexual Asphyxia. WRITE BRIEFLY ON: 5 x 2 =10m

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

508-A=M.B.B.S. DEGREE EXAMINATION – AUGUST, 2010-SECOND M.B.B.S. EXAMINATION

## Describe signs, symptoms, treatment and medicolegal aspect of acute arsenic poisoning=10m WRITE SHORT NOTES ON:=5x4=20m

1. Rigor mortis 3. Professional death sentence 4. Confirmative signs of pregnancy

5. Drug dependence 6. Viscera preservation WRITE BRIEFLY ON:=5x2=10m

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

508-A=SECOND M.B.B.S. DEGREE EXAMINATION – MARCH, 2010-FORENSIC MEDICINE

## Discuss in detail about signs, symptoms and treatment of ophitoxaemia=10m WRITE SHORT NOTES ON=5x4=20m

1. Dactylography 3. Carbolism 4. Cadaveric Spasm 5. Hyoid Bone 6. Bullet WRITE BRIEFLY ON:=5x2=10m

7. Atavism 8. Embalming 9. Necrophilia 10. LSD 11. ‘Tache noir’

**508-A-SECOND M.B.B.S. DEG. EXAMINATION – AUGUST, 2009-FORENSIC MEDICINE**

1. Define hanging and describe the postmortem findings in a case of death due to hanging=10m 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=10m= 7. Informed consent. 8. Delusions. 9. Multi activated charcoal.

10. Mummification. 11. Expert witness.

**508-A-SECOND M.B.B.S. DEG. EXAM – FEBRUARY, 2009(SPP)-FORENSIC MEDICINE**

1. Define death. Describe postmortem changes that occurs in a dead body in 12 hours after death=10m Write Short Notes On:= 5x4=2. Functions of Indian Medical Council.

3. Recording dying declaration. 4. Traumatic asphyxia. 5. Ideal suicidal poison.6. Artifacts. Write Briefly On=5x2=10

7. False Virgin. 8. Hydrostatic test. 9. Delusion. 10. Exhumation. 11. Pugilistic attitude.

**508-A-SECOND MBBS. DEG. EXAM – OCTOBER, 2008-FORENSIC MEDICINE**

1. Define hanging. Discuss the mechanism of death & postmortem appearances in a case of hanging Write short notes on:= 5X4=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=7. Expert witness. 8. Artifacts. 9. Defense wounds. 10. Bestiality. 11. Subpoena.

**508-A-DEG. EXAM– MAR/APR, 2008-2nd MBBS. EXAMINATON- FORENSIC MEDICINE**

1. Classify mechanical wounds. Describe briefly the various types of abrasions and their medico legal significance. =10
2. Write short notes on: =5x4=a) Different types of strangulations b) Causes of impotency in males
3. Chronic alcohol poisoning d) Suspended Animation c) Hallucinations
4. Write briefly on: =5x2=a) Cardiac Tamponade b) Fat Embolism c) Infamous conduct
5. Rule of nine e) Post mortem lividity

**SEPT/OCT, 2007-FORENSIC MEDICINE**

1. Describe the symptoms, signs, treatment and autopsy appearances in organo-phosphorous poisoning=10m

## Write short notes on: 5 x 4 =20m; 2. Magistrate’s Inquest 3. Functions of State Medical Council

4. Rigormortis 5. Primary Impact injury 6. Throttling

Write brief notes on: 5 x 2 =10m; 7. Precipitate Labour 8. Hydrostatic Test

9. Bestiality 10.Lucid Interval 11.Run Amok

**MAY, 2007**

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

## Write short notes on: =5x4=20=a) Professional secrecy b) Grievous Hurt c) Hallucination

d) Treatment of snake bite e) Viability of a foetus

Write briefly on:=5x2=a) Pugilistic Attitude b) Hesitation cuts c) Conduct Money

d) True virgin e) Vitriolage

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