14 56

1083_I_2010_S301_N

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination – December 2010

Time: 3 Hrs. [Max. Marks: 100]

MICROBIOLOGY - PAPER I (Revised Scheme II)

QP Code: 1083

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

LONG ESSAY **2 X 10 = 20 Marks**

1. Mention the organisms causing Pyogenic Meningitis. Describe the laboratory diagnosis of pyogenic meningitis.
2. Describe the pathogenicity, Lab diagnosis and prophylaxis of Diptheria

SHORT ESSAY **10 X 5 = 50 Marks**

3. Transduction
4. Entero coccus
5. Gaseous disinfectants
6. Primary atypical pneumonia
7. Q fever
8. Bacterial food poisoning
9. Describe H L A antigens and their role in immunity
10. Weil's disease
11. Serodiagnosis of syphilis
12. Entero pathogenic Escherichia coli

PES. PATTAMMAR
CENTRAL LIBRARY

SHORT ANSWERS **10 X 3 = 30 Marks**

13. Edward Jenner
14. Diagram of secretory antibody
15. Passive agglutination test
16. Enrichment media
17. Functions of macrophage
18. Enzymes produced by streptococcus pyogens
19. Typhoid vaccines
20. Diseases caused by Mycoplasma
21. Neil Mooser Reaction
22. Adjuvant

* * * * *

57

1087_2009_2_S301

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - December 2010

Time: 3 Hrs. [Max. Marks: 100]

FORENSIC MEDICINE (Revised Scheme II)

QP Code: 1087

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

LONG ESSAY **2 X 10 = 20 Marks**

1. Define and classify Asphyxia. Describe postmortem findings in a case of drowning.

   Define Inquest and describe various types of inquest held in India.

SHORT ESSAY **10 X 5 = 50 Marks**

3. Exhumation
4. MTP – Act of 1971
5. Abrasions
6. Consent in Medical practice
7. Functions of Indian Medical Council
8. Applications of Radiology in Forensic Medicine
9. Differences between true and feigned insanity
10. Algor Mortis
11. Disputed Maternity
12. DNA – fingerprinting

CENTRAL LIBRARY

SHORT ANSWERS **10 X 3 = 30 Marks**

13. Hippocratic oath
14. Café coronary
15. Summons
16. Justifiable homicide
17. Hyoid Bone fractures
18. Medico legal importance of impotence
19. Lucid – Interval
20. Suspended animation
21. Heat exhaustion
22. Hallucinations

* * * * *

12 58

1081_2010_2_S186

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - December 2010

Time: 3 Hrs. [Max. Marks: 100]

PATHOLOGY - PAPER I

(Revised Scheme II)

QP Code: 1081

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

LONG ESSAY **2 X 10 = 20 Marks**

1. Define and classify amyloidosis. Explain the gross and microscopic features of organs involved in secondary amyloidosis
2. Describe and classify purpuras. Describe aetiology, hematological features clinical features and laboratory diagnosis of idiopathic thrombocytopenic purpura (ITP)

SHORT ESSAY **10 X 5 = 50 Marks**

3. Chromic venous congestion gross and microscopic features
4. Air Embolism
5. Chemical mediators of acute inflammation
6. Factors influencing wound healing
7. Lepromatous Leprosy
8. Rhinosporidiosis
9. Tumour markers
10. Sex chromatin
11. Hereditary spherocytosis
12. Philadelphia chromosome

CENTRAL LIBRARY

SHORT ANSWERS **10 X 3 = 30 Marks**

13. Significance of cross matching and different methods of cross matching
14. Two uses of trisodium citrate as an anticoagulant in haematology
15. Uses of buffy coat
16. FNAC(fine needle aspiration cytology)
17. Describe clot retraction
18. Special stains used in histopathology
19. Microscopic examination of semen
20. Tests for proteinuria
21. Four causes for haemorrhagic pleural fluid
22. Parasites seen in peripheral smear.

* * * * *

59

1082_2010_2_S225

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination – December 2010

Time: 3 Hrs. [Max. Marks: 100]

PATHOLOGY - PAPER II (Revised Scheme II)

QP Code: 1082

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

LONG ESSAY **2 X 10 = 20 Marks**

1. A Child aged 10 years presented with history of fever, sore throat, migratory polyarthritis and subcutaneous nodules
   a) What is your probable diagnosis
   b) Discuss the etiopthogenesis and pathology of the target organ
2. Classify ovarian tumours. Describe gross and microscopy of choriocarcinoma

SHORT ESSAY **10 X 5 = 50 Marks**

3. Gouty arthritis
4. Asbestosis
5. Crohn's disease
6. Neoplastic polyps intestine
7. Alcoholic liver disease
8. Burkitt's lymphoma
9. Glioblastoma multiforme
10. Premalignant lesions of penis
11. Hashimoto's thyroiditis
12. Risk factors in atherosclerosis

CENTRAL LIBRARY

SHORT ANSWERS **10 X 3 = 30 Marks**

13. Renal calculi (Types)
14. Carcinoma in – situ
15. Microscopy of medullary carcinoma of thyroid
16. Grey hepatisation
17. Barrett's oesophagus
18. Councilman body
19. Microscopy of chronic pyelonephritis
20. Gross and microscopy of pagets disease of nipple
21. Leukoplakia
22. Reed sternberg giant cell

* * * * *

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - December 2010

Time: 3 Hrs. [Max. Marks: 100]

PHARMACOLOGY - PAPER I (Revised Scheme II)

QP Code: 1085

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

LONG ESSAY **2 X 10 = 20 Marks**

1. Define Bio-transformation, Enumerate and discuss the factors affecting it.
2. Classify local anaesthetics, Explain the Mechanism of action, adverse effects and uses of lignocaine.

SHORT ESSAY **10 X 5 = 50 Marks**

3. Newer drug delivery system
4. Dopamine in cardiogenic shock
5. Selective serotonin reuptake inhibitors
6. Post marketing surveillance
7. Enzymes in therapy
8. Long term complications of Diuretics
9. Antidepressants
10. Amiodarone as an antiarrythmic agent
11. Pre – anaesthetic Medication
12. Plasma half life

LIBRARY

SHORT ANSWERS **10 X 3 = 30 Marks**

13. Zero order kinetics
14. Paracetamol poisoning
15. Nasal decongestants
16. List six drugs used in hypertensive emergencies
17. List three atropine derivatives and mention one use for each
18. Uricosuric agents
19. Therapentic index
20. Toxicities of digoxin
21. Low molecular weight Heparin
22. Dantrolene

* * * * *

61

1086_2009_2_S302

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - December 2010

Time: 3 Hrs. [Max. Marks: 100]

PHARMACOLOGY - PAPER II (Revised Scheme II)

QP Code: 1086

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

LONG ESSAY **2 X 10 = 20 Marks**

1. Classify anti tubercular drugs. Explain the mechanism of action, effects and uses of Rifampicin
2. Classify oral anti diabetics. Write the Mechanism of action and adverse effects of any two of them. Add a note on preparations of insulin

SHORT ESSAY **10 X 5 = 50 Marks**

3. Uses of corticosteroids
4. Therapeutic uses of penicillin
5. Bronchodilators.
6. Drugs for superficial fungal infections
7. Anti – thyroid agents
8. Classify anti malarial drugs.
9. Prokinetic drugs
10. Drugs in Rheumatoid Arthritis
11. Oral Contraceptive pills
12. Doxycycline

FR. MULLER
CENTRAL LIBRARY

SHORT ANSWERS **10 X 3 = 30 Marks**

13. Clomiphine Citrate
14. Proton Pump Inhibitors
15. Metronidazole
16. Radioactive Iodine I_{131}
17. Urinary antiseptics
18. Broad Spectrum Antihelminthic drugs
19. Cytotoxic drugs
20. .Anaphylaxis
21. Third generation cephalosporins
22. Prolactin

* * * * *

8 62

1084_1_2010_S183

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June/July 2010

Time: 3 Hrs. [Max. Marks: 100]

MICROBIOLOGY - PAPER II (Revised Scheme II)

QP Code: 1084

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

LONG ESSAY **2 X 10 = 20 Marks**

1. Describe the morphology, pathogenesis & laboratory diagnosis of Entameoba histolytica
2. Describe the pathogenecity & laboratory diagnosis of HIV infection

SHORT ESSAY **10 X 5 = 50 Marks**

3. Dermatophytes
4. Chicken pox
5. Prophylaxis against rabies
6. Opportunistic fungi
7. Nosocomial infection
8. Life cycle of Strongyloides stercoralis
9. Cysticercus Cellulosae
10. Schistosoma haematobium
11. Dengue fever
12. Cryptococcus neoformans

ED. MULLER
CENTRAL LIBRARY

SHORT ANSWERS **10 X 3 = 30 Marks**

13. Reynold's – Braude phenomenon
14. Name 3 Oncogenic viruses
15. Diagram of Egg of Trichuris trichiura
16. Mention 3 parasites causing anemia
17. Name 3 viruses causing gastroenteritis
18. Mention 3 fungi causing systemic mycosco
19. Prophylaxis against Polio
20. Mention 3 asexual spores of Fungi
21. Viral interference
22. Calabar swelling

* * * * *

63

1084_1_2010_S301

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June/July 2010

me: 3 Hrs. [Max. Marks: 100]

MICROBIOLOGY - PAPER II (Revised Scheme II)

QP Code: 1084

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

ONG ESSAY **2 X 10 = 20 Marks**

1. Classify Myxoviruses. Describe the morphology, antigenic structure and laboratory diagnosis of influenza virus.
2. Describe the morphology, life cycle and laboratory diagnosis of Toxoplasma gondi.

HORT ESSAY **10 X 5 = 50 Marks**

3. Life cycle of Round worm
4. Histoplasma capsulatum.
5. Cryptosporidium parvum
6. Bio-safety in Microbiology laboratory.
7. Dengue virus.
8. Structure of Bacteriophage
9. Antigenic drift and antigenic shift
10. Concerntration method of stool examination
11. Rabies vaccines
12. Interferons.

CENTRAL LIBRARY

ORT ANSWERS **10 X 3 = 30 Marks**

13. Prions
14. Rubella Syndrome
15. Mycotoxins
16. Negri bodies
17. Molluscum contagiosum
18. Larva migrans
19. Complications of Amoebiasis.
20. Inclusion bodies
21. Giardia lamblia.
22. Slide culture method.

* * * * *

1083_1_2010_S186

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June/July 2010

me: 3 Hrs. [Max. Marks: 100]

MICROBIOLOGY - PAPER I (Revised Scheme II)

QP Code: 1083

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

ONG ESSAY **2 X 10 = 20 Marks**

1. Classify Immunity. Discuss the mechanism of innate immunity
2. What are the general properties of the family Enterobactericeae. Describe the pathogenesis and laboratory diagnosis of typhoid fever.

HORT ESSAY **10 X 5 = 50 Marks**

3. Bacterial Spore
4. Bacterial filter
5. Conjugation
6. Cell wall of Gram negative bacteria
7. Biological role of complement
8. Immunoflourescence
9. Arthus reaction
10. Lepromin test
11. Laboratory diagnosis of Rheumatic fever
12. Hideporters disease

ORT ANSWERS **10 X 3 = 30 Marks**

13. Robert Koch
14. Fimbriae
15. Nagler's reaction
16. Shigella flexnerii
17. Enzymes produced by Streptococcus pyogenes
18. Mitsuda reaction
19. Satellitism
20. Armadillo
21. Helicobacter pylori
22. Enterococci

* * * * *

(6) 65

1082_I_2010_S186

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June/July 2010

Time: 3 Hrs. [Max. Marks: 100]

PATHOLOGY - PAPER II (Revised Scheme II)

QP Code: 1082

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

LONG ESSAY **2 X 10 = 20 Marks**

1. A 40 year old female presented with history of chronic cough with profuse expectoration, occasional haemoptysis and also clubbing with coarse crepitation in right lung base
   a) What is your probable diagnosis
   b) Discuss the etiopathogenesis & pathology of the target organ involved
2. Classify bone tumours. Describe gross and microscopy of osteosarcoma

SHORT ESSAY **10 X 5 = 50 Marks**

3. Extra cardiac manifestations of Rheumatic fever
4. Medulloblastoma
5. Aneurysm
6. Meckel's Diverticulum
7. Liver abscess
8. Pheochromocytoma
9. Choriocarcinoma
10. Pre cancerous lesions of gastro intestinal system
11. Wilson's disease
12. B cell lymphoma

CENTRAL LIBRARY

SHORT ANSWERS **10 X 3 = 30 Marks**

13. Microscopy of malignant melanoma
14. Microscopy of molluscum contagiosum
15. Complications of portal cirrhosis
16. Microscopy of papillary carcinoma thyroid
17. Sites of ectopic pregnancy
18. Types of leiomyoma
19. Name renal function tests
20. Types of Meningioma – Histologic
21. Microscopic appearance of seminoma
22. Morphology of infiltrating duct carcinoma

* * * * *

66

1081_1_2010_S185

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June/July 2010

Time: 3 Hrs. [Max. Marks: 100]

PATHOLOGY - PAPER I

(Revised Scheme II)

QP Code: 1081

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

LONG ESSAY **2 X 10 = 20 Marks**

1. Define and classify oncogenic viruses. Explain the mechanism involved in tumour production by viruses
2. Enumerate the causes of haemolytic anemias. Discuss the laboratory diagnosis of haemolytic anemia in general.

SHORT ESSAY **10 X 5 = 50 Marks**

FR. MULLER
CENTRAL LIBRARY

3. Brown induration of lungs
4. Amyloid spleen
5. Pathogenesis of cardiac oedema
6. Write about the role of macrophages in inflammation
7. Discuss briefly about pre-cancerous lesions of the skin
8. Scurvy
9. Turners syndrome
10. Hemochromatosis
11. Bone marrow changes in megaloblastic anemia
12. Von – Willebrand disease

SHORT ANSWERS **10 X 3 = 30 Marks**

13. Mention four diseases transmitted by blood transfusion
14. Significance of reticulocytosis
15. Name four Romanowsky Stains
16. Absolute indications for bone marrow biopsy
17. How do you examine semen in a care of suspected infertility
18. Hemoglobin values at different ages
19. Name the tests done in a routine detailed examination of urine
20. CSF findings in tuberculous meningitis
21. Causes for Ketonuria
22. Application of papanicolaou's stain

* * * * *

3 67

1086_2009_2_S41

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June\July 2010

me: 3 Hrs. [Max. Marks: 100]

PHARMACOLOGY - PAPER II (Revised Scheme II)

QP Code: 1086

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

NG ESSAY

2 X 10 = 20 Marks

Classify aminoglycosides. Describe their shared properties, spectrum, adverse effects and indications. Add a note on 'Spectinomycin'

Classify glucocorticoids according to their duration of action. Describe their adverse effects and indications

CENTRAL LIBRARY

HORT ESSAY

10 X 5 = 50 Marks

Directly Observed Treatment, short course chemotherapy (DOTS) under Revised National TB Control Programme

Nucleoside reverse transcriptase inhibitors

5th antagonists in therapy

Role of vitamins in treatment of diseases

H2 antagonists

Role of Vinca alkaloids and taxanes in cancer

Newer insulins

Second-generation fluoroquinolones

Drugs in motion sickness

Beta lactamase inhibitors

HORT ANSWERS

10 X 3 = 30 Marks

13. Niclosamide
14. Adverse effects of tetracyclines
15. Mesalamine
16. Sirolimus
17. Desferrioxamine
18. Serratiopeptidase
19. Domperidone
20. Colchicine
21. Mucolytics
22. Clomiphene citrate

* * * * *

68

1085_2009_2_S46

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June\July 2010

me: 3 Hrs. [Max. Marks: 100]

PHARMACOLOGY - PAPER I (Revised Scheme II)

QP Code: 1085

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

ONG ESSAY **2 X 10 = 20 Marks**

1. Classify Antiparkinsonian drugs. Explain pharmacological actions, adverse effects and uses of Levodopa
2. Classify Antianginal drugs. Explain pharmacological actions, adverse effects and uses of Nitrates

CENTRAL LIBRARY

HORT ESSAY **10 X 5 = 50 Marks**

3. Local and systemic routes of drug administration
4. Enzyme Induction and its clinical significance
5. Pharmacological actions and uses of Morphine
6. Disulfiram
7. Inhalational Anaesthetic agents
8. Factors modifying drug actions
9. Uses of Alpha Adrenergic blockers
10. Management of Status Epilepticus
11. Digoxin toxicity and treatment
12. Directly acting Vasodilators

SHORT ANSWERS **10 X 3 = 30 Marks**

13. Parenatal Iron therapy
14. Treatment of Diabetes Insipidus
15. Tranexaemic acid
16. Oral Anticoagulatnts
17. Name two calcium channel blockers and two uses of it
18. Acetazolamide
19. Define Analeptics and its uses
20. Atropine poisoning
21. Succinylcholine
22. Prodrug

* * * * *

69

1087_2009_2_S42

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June\July 2010

me: 3 Hrs. [Max. Marks: 100]

FORENSIC MEDICINE (Revised Scheme II)

QP Code: 1087

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

NG ESSAY **2 X 10 = 20 Marks**

Define 'Rape' as per section 375 IPC. Describe the findings in a 16 year old victim of rape who was a virgin. Enumerate the evidentiary materials to be collected

Describe the changes which takes place after death and how will you calculate time since death

HORT ESSAY **10 X 5 = 50 Marks**

CENTRAL LIBRARY

1. Lacerated wounds
2. Datura poisoning
3. Methyl alcohol poisoning
4. Medicolegal importance of abrasion
5. Pathophysiology of fresh water drowning
6. Gastric lavage
7. Professional misconduct
8. Impulsive disorders
9. Feigned insanity
10. Dying declaration

HORT ANSWERS **10 X 3 = 30 Marks**

11. Presumption of death
12. Medicolegal importance of impotence
13. Contra coup injuries
14. PM findings in starvation deaths
15. Marking nut
16. Bore of shotgun
17. dicial hanging
18. Human hair
19. Rule of Haasse
20. Rule of nine

* * * * *