~~47~~ 43

1084_2011_2_S261

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - Dec 2011 / Jan 2012

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. Classify nematodes. Describe the life cycle and lab diagnosis of Wuchereria bancrofti
2. Enumerate Herpes viruses. Describe the pathogenesis and lab diagnosis of Herpes simplex virus

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

3. Opportunistic fungal infections in AIDS
4. Fungal infections of skin
5. General characters of cestodes
6. Stool concentration techniques
7. Life cycle of Schistosoma haematobium
8. Life cycle of hook worm
9. Slow viral diseases
10. Hepatitis B markers
11. Polio vaccines
12. Interferons

FR. MULLER
CENTRAL LIBRARY

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

13. Dimorphic fungi
14. Rhinosporidium
15. Aspergillus
16. Cysticercus cellulosae
17. QBC test for malaria
18. Enterobius vermicularis
19. Draw Giardia lamblia trophozoite and cyst
20. Negri bodies
21. Draw and label influenza virus
22. Western – Blot test for HIV

* * * * *

44

1087_2011_2_S186

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - Dec 2011 / Jan 2012

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 Drowning. What are the various types of drowning? Describe the post mortem appearances in a case of wet drowning
2. Define and classify medical negligence with suitable examples. What precautions should a doctor take to prevent a charge of medical negligence against him/her?

FR MULLER
CENTRAL LIBRARY

SHORT ESSAY — 10 X 5 = 50 Marks

3. Describe in brief the various types of medical certificates and medico legal reports required to be issued by a doctor in medical practice
4. What is privileged Communication? Mention the circumstances concerned with this in medical practice
5. Describe and classify dactylography. Outline the medico legal applications
6. What is exhumation? Describe the procedure
7. Mention the important differentiating features between hanging and strangulation
8. Describe the procedure of examination of an accused, arrested on a charge of committing rape.
9. What are the symptoms, signs and management of methyl alcohol poisoning
10. Describe Mc Naughten's Rules with suitable examples
11. Describe the M.T.P Act, 1971
12. Describe the various types of Antidotes with examples. Add a note on Chelating agents

SHORT ANSWERS — 10 X 3 = 30 Marks

13. Summons
14. Incision for opening a body in autopsy
15. Post mortem caloricity
16. Hesitation cuts
17. Contra coup injuries
18. Traumatic asphyxia
19. Lucid interval
20. Treatment of snake bite
21. Symptoms and signs of strychnine poisoning
22. Vitriolage

* * * * *

45

1081_2011_2_S272

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - Dec 2011 / Jan 2012

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 Embolism. Discuss different types of Embolisms
2. Classify hemolytic anaemias. Write the pathogenesis and pathology of sickle cell anaemia

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

CENTRAL LIBRARY

3. Etiopathogenesis of septic shock
4. Stages of syphilis
5. Metastasis
6. Hypersensitivity reactions
7. Chronic venous congestion of lung
8. Hemosiderosis
9. Oncogenic Venuses
10. Lab diagnosis of AIDS
11. Necrosis – definition, types with examples
12. Primary complex

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

13. Epstein barr virsus
14. Spherocytes
15. Four causes of Hematuria
16. Rh factor
17. P C V
18. Choristoma
19. Giant cells
20. Barr body
21. Diet and cancer
22. Hypersegmental neutrophil

* * * * *

46

1082_2011_2_S261

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination – Dec 2011 / Jan 2012

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 Male aged 52 years developed gradual weakness, anorexia, weight loss. He has ascites, splenomegaly, jaundice, spider angiomas on skin and gynecomastia. Over a time he developed behavioral abnormalities, stupor and slipped into coma. There is history of chronic alcoholism
   a) What is the probable diagnosis
   b) Discuss etio – pathogenesis, pathology and complications
2. Classify tumors of kidney and describe morphology of the renal cell carcinoma

FR. MULLER
CENTRAL LIBRARY

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

3. Tumors of blood vessels
4. Describe various types of vegetations in endocarditis
5. Types of emphysema
6. Carcinoid Tumors
7. Plemorphic adenoma
8. Classification of hodgkin's lymphoma
9. Morphological changes of pancreas in acute pancreatitis
10. Pathology of chronic pyelonephritis
11. Benign prostatic hyperplasia
12. Hashimoto's thyroiditis

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

13. Microscopic appearance of benign gastric ulcer
14. Microscopic appearance of scmirrous, Carcinoma of breass
15. MEN – Multiple endocrine neoplasia
16. Microscopic appearance of lung in Bronchopneumonia
17. Peutz jegher's syndrome
18. Types of meningioma
19. Morphological changes seen in carcinoma of cervix
20. Pheochromocytoma
21. Pathogenesis of Type II diabetes Mellitus
22. Morphology of pyogenic osteomyelitis

* * * * *

47

1086_2011_2_S263

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - Dec 2011 / Jan 2012

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. Discuss in detail the mechanism of action, side effects & uses of isoniazid
2. Classify insulin preparations. What are the pharmacological actions, side effects of insulin

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

3. Selective oestrogen receptor modulators
4. Discuss the uses of glucocorticoids
5. Discuss the drug treatment of bronchial asthma
6. Cyclosporine
7. Mebendazole
8. Side effects of oral contraceptive agents
9. Gonadotropins & their diagnostic uses
10. Proton pump inhibitors
11. Treatment of Gouty arthritis
12. Vinka alkaloids

FR. MULLER
CENTRAL LIBRARY

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

13. Monobactam action & uses
14. Acarbose
15. Vit. D
16. Amantadine
17. Name protease inhibitors
18. Natural & synthetic androgens
19. Ribavirin
20. Drug treatment of scabies
21. Radical cure of vivax malaria
22. Uses of diethylcarbamazine citrate

* * * * *

48

1085_2010_1_S203

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - Dec 2011 / Jan 2012

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. Classify opioid analgesics. Write the pharmacological effects, therapeutic uses, adverse effects and contraindications of morphine
2. Enumerate the drugs used in the management of heart failure. write the mode of action. Pharmacological effects, therapeutic uses and adverse effects of digoxin

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

3. Drug dependence
4. Drug therapy of wide angle glaucoma
5. Atropine substitutes
6. Uses of β- blockers
7. Pancuronium
8. Intravenous general anaesthetic inducing agents
9. Diazepam
10. Lithium
11. Glyceryl trinitrate
12. Fibrinolytics (Thrombolytics)

FR. MULLER
CENTRAL LIBRARY

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

13. First pass metabolism
14. First order and zero order kinetics of drug elimination
15. Drug synergism
16. Dopaminergic agonists in parkinsonism
17. Treatment of methanol poisoning
18. Treatment of hypertensive emergencies
19. Adenosine
20. Clopidogrel
21. Indications for parenteral iron
22. Mannitol

* * * * *

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June / July 2011

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. Classify Herpes virus. Describe the pathogenesis laboratory diagnosis of herpes simplex virus
2. Enumerate somatic nematodes. Describe morphology, pathogenicity and laboratory diagnosis of dracunculus medinensis

SHORT ESSAY 10 X 5 = 50 Marks

3. Microfilaria
4. Rhabditiform larva and filariform larva
5. Superficial mycotic infections
6. Cryptococcus neoformans
7. Cultivation of viruses
8. Nosocomial infections
9. Markers of viral hepatitis B
10. Negri bodies
11. Antigenic variations in influenza virus
12. Pulse polio programme

FR. MULLER
CENTRAL LIBRARY

SHORT ANSWERS 10 X 3 = 30 Marks

13. Viral hemagglutination
14. Interferons
15. Killed viral vaccines
16. Phage typing
17. Saturated salt floatation technique
18. Microsporidia
19. Laboratory diagnosis of enterobius vermicularis
20. Differences between wucheraria bancrofti and brugia malayi
21. Morphology of Echiniococcus granulosus
22. Miracidium

* * * * *

~~20~~ 50

1083_2011_1_S263

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June / July 2011

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. Discuss in detail the pathogenesis & lab diagnosis of enteric fever. Add a note on antigenic variation in salmonella
2. Classify hypersensitivity with examples. Describe type I hypersensitivity

SHORT ESSAY 10 X 5 = 50 Marks

3. Compare exotoxins & endotoxins
4. Types of bacteriological media
5. Fluorescent microscope
6. Flagella
7. Characters of pathogenic staphylococci
8. Lab diagnosis of gonorrhea
9. Prophylaxis of tetanus
10. Rapid plasma regain test
11. Relapsing fever
12. Nocardia

FR. MULLER
CENTRAL LIBRARY

SHORT ANSWERS 10 X 3 = 30 Marks

13. Passive acquired immunity
14. Immunoglobulin M
15. Weil – felix reaction
16. Activation of alternative complement pathway
17. Antigen presenting cells
18. LE cell phenomenon
19. Mechanism of allograft rejection
20. Tetanospasmin
21. Widal test
22. Satellitism

* * * * *

51

1081_2011_1_S262

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June / July 2011

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 anemias, discuss the causes and lab diagnosis of iron deficiency anemia.
2. Describe in detail formation of thrombus. What are fates a thrombus can undergo?

SHORT ESSAY 10 X 5 = 50 Marks

3. Define necrosis. Mention and define types of necrosis giving examples.
4. Explain briefly the role of tumor suppression genes in oncogenesis.
5. Primary tuberculosis
6. Clinical criteria and laboratory diagnosis of SLE
7. Hemophilla.
8. Laboratory diagnosis of multiple myeloma
9. Turner's syndrome
10. Exogenous and endogenous pigments
11. Chemical mediators of inflammation
12. Tumor markers

FR. MULLER
CENTRAL LIBRARY

SHORT ANSWERS 10 X 3 = 30 Marks

13. CSF findings in pyogenic meningitis
14. Causes of glucosuria. Name the methods for its detection
15. Enumerate transfusion reactions
16. Semen analysis in a case of suspected infertility
17. RBC indices
18. CXauses of dry tap of dry tip in bone marrow aspiration
19. Causes of eosinophilia
20. Physical examination of urine
21. Leukemoid reaction
22. Role of FNAC in pathology diagnosis.

* * * * *

68 52

1082_2011_I_S202

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination – June / July 2011

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 Man developed gradual loss of weight, abdominal pain, anorexia, vomiting. A mass was detected in epigastric region. Stools were positive for occult blood. There is a firm lymph nodal mass in the left supraclavicular region and another nodule in the peri – umbilical region
   a) What is your probable diagnosis
   b) What is the etio – pathogenesis and pathology of the organ involved
2. Classify ovarian tumors. Describe gross and microscopic features of dermoid cyst of ovary

SHORT ESSAY — 10 X 5 = 50 Marks

3. Pathogenesis of atherosclerosis
4. Morphological changes of lung in lobar pneumonia
5. Morphological changes of intestine in ulcerative colitis
6. Morphological changes of liver in Hepatocellular carcinoma
7. Aetiopathogenesis of renal calculi
8. Aetiopathogenesis of type I diabetes mellitus
9. Multinodular goiter – thyroid
10. Cushing's syndrome
11. Osteosarcoma
12. CSF findings in various types of meningitis

FR. MULLER
CENTRAL LIBRARY

SHORT ANSWERS — 10 X 3 = 30 Marks

13. Types of reed-sterberg cells
14. Microscopy of aschoff body
15. Leucoplakia
16. Morphology of phyllodes tumor
17. Microscopy of warthin tumor
18. Gross appearance of peptic ulcer
19. Radiological appearance of skull in Multiple Myeloma
20. Causes of urinary bladder (Urothelial) tumors
21. Microscopic appearance of astrocytoma
22. Retinoblastoma

* * * * *

53

1086_2011_I_9262

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June / July 2011

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 thyroid drugs. Explain the pharmacology of radioactive iodine
2. Enumerate macrolides. Discuss the actions, uses & side effects of Erythromycin

SHORT ESSAY

10 X 5 = 50 Marks

CENTRAL LIBRARY

3. Drug therapy of peptic ulcer
4. Artemisnin derivatives & their uses
5. Compare and contrast oxytocin and methylergometrin
6. Anti tussives
7. Urinary antiseptics
8. Metronidazole
9. Thiazolidinediones
10. Drug resistance
11. Contrimaxazole
12. Prokinetics

SHORT ANSWERS

10 X 3 = 30 Marks

13. Clomiphene citrate
14. Adverse effects of aminoglycosides
15. Rationale of combining probencid with pencillin
16. Gonadotrophin releasing hormone analogues
17. Uses of d – penciliamine
18. Cyanocobalamine
19. Mesna
20. Ivermectin
21. Oseltamivir
22. Bisphosphonates & their uses

* * * * *

46 54

1085_2010_1_S185

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination – June / July 2011

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. Discuss Factors Modifying Drug Effects with examples
2. Classify Antihypertensive Drugs. Discuss the Mechanism of action, Pharmacological actions, therapeutic uses and adverse effects of ARBs (Angiotensin receptor blockers)

SHORT ESSAY 10 X 5 = 50 Marks

3. Explain the Therapeutic uses of Alpha Blockers
4. Oral anticoagulants
5. Complications of diuretics
6. Benzodiazepines
7. Ropivacaine
8. Ketamine
9. Lithium
10. Digoxin – Toxicity and treatment
11. Plasma Expanders
12. Synthetic opioid Agonists

FR. MULLER
CENTRAL LIBRARY

SHORT ANSWERS 10 X 3 = 30 Marks

13. Redistribution
14. Hoffman's elimination
15. Drotaverine
16. Carvedilol
17. Leflunomide
18. Flumazenil
19. Contraindications of Morphine
20. Phosphodiesterase III inhibitors
21. Nicorandil
22. Rosuvastatin

* * * * *

55

1087_2011_1_S185

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June / July 2011

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. Mention the various factors that help in estimating the time since death. Describe Rigor mortis in brief.
2. Define hanging. Describe the post mortem appearances in a case of hanging. Add a note on Judicial hanging.

SHORT ESSAY 10 X 5 = 50 Marks

FR. MULLER CENTRAL LIBRARY

3. Define infamous conduct. Give four examples
4. Describe the procedure of recording of evidence of a doctor in court of law
5. Describe Grievous hurt
6. What is Artificial Insemination? What are various types? Outline the medico legal aspects
7. Define Delusion. What are the various types of delusions
8. What are the methods of restraining a mentally ill person
9. Describe the symptoms and signs of Datura poisoning
10. Describe the clinical features of Plumbism
11. Outline the procedure of examination of a victim of Rape
12. How do you conduct Hydrostatic Test? What are the fallacies of the Hydrostatic Test?

SHORT ANSWERS 10 X 3 = 30 Marks

13. Magistrate's inquest
14. Dactylography
15. Dichotomy
16. Informed consent
17. Hesitation cuts
18. Tandem bullet
19. Voyeurism
20. Kleptomania
21. Carboluria
22. Hippus

* * * * *