Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination – 18-Nov-2020

Time: Three Hours | Max. Marks: 100 Marks

PATHOLOGY - PAPER I (RS3)

QP Code: 1081

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

LONG ESSAYS 2 x 10 = 20 Marks

1. Describe the pathogenesis, pathology of Leprosy. Add a note on the laboratory diagnosis.
2. Describe the laboratory diagnosis of Acute myeloid leukemia.

SHORT ESSAYS 10 x 5 = 50 Marks

3. Metaplasia
4. Cystic fibrosis
5. **Infarction**
6. Klinefelter syndrome
7. Type IV hypersensitivity
8. Tumor markers
9. Chemotaxis
10. Indications of Bone marrow aspiration
11. Casts in urine
12. Aplastic anemia

SHORT ANSWERS 10 x 3 = 30 Marks

13. Pap smear
14. Name the tumors caused by Epstein-Barr virus
15. Anticoagulants used for coagulation studies
16. Mention the different methods of hemoglobin estimation.
17. List the causes of hematuria.
18. Bence jones proteins
19. Enumerate the conditions of raised ESR.
20. Uses of Buffy coat
21. Name the available blood components
22. Enumerate the causes of thrombocytopenia.

Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. PHASE II Degree Examination – 20-Nov-2020

Time: Three Hours | Max. Marks: 100 Marks

PATHOLOGY - PAPER - II (RS3)

QP Code: 1082

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

LONG ESSAYS 2 x 10 = 20 Marks

1. Classify ovarian neoplasms. Describe serous tumors of ovary in detail.
2. Write the diagnostic criteria for diabetes mellitus. Classify diabetes mellitus. Describe the pathogenesis for type II DM.

SHORT ESSAYS 10 x 5 = 50 Marks

3. Bronchiectasis
4. Rheumatic heart disease
5. Papillary carcinoma thyroid
6. Classification of Hodgkins lymphoma
7. Neonatal hepatitis
8. Warthins tumor
9. Phylloides tumor
10. Acute tubular necrosis
11. Osteoarthritis
12. Medulloblastoma

SHORT ANSWERS 10 x 3 = 30 Marks

13. Patent ductus arteriosus
14. Consequenses and complications of myocardial infarction
15. Hyaline membrane disease
16. Morphology of iodine deficiency goiter
17. Microscopy of amoebic colitis
18. Morphology of alcoholic liver disease
19. Pyogenic meningitis
20. Pagets disease of bone – morphology
21. Microscopy of seminoma
22. Differences between nephritic and nephrotic syndrome

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Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - 23-Nov-2020

Time: Three Hours | Max. Marks: 100 Marks

MICROBIOLOGY – PAPER I (RS3)

Q.P. CODE: 1083

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

LONG ESSAYS — 2 x 10 = 20 Marks

1. Describe the etiology, pathogenesis, clinical manifestations, complication and laboratory diagnosis of urinary tract infections.
2. Classify antigen antibody reactions in vitro. Describe immunofluorescent tests with examples.

SHORT ESSAYS — 10 x 5 = 50 Marks

3. Autoclave.
4. Sporicidal disinfectants.
5. Anaphylaxis.
6. Role of IgA antibody in protection against infections.
7. Live attenuated vaccine.
8. Conjugation.
9. Enterococci.
10. Coagulase test
11. Chlamydia trachomatis.
12. Q. fever

SHORT ANSWERS — 10 x 3 = 30 Marks

13. Tetanus toxoid.
14. Alternate complement pathway.
15. MHC restriction (Major Histocompatibility complex restriction).
16. Sterilization of endoscopes.
17. Transposons
18. Endotoxic shock.
19. Cultivation of Mycobacterium tuberculosis.
20. Horror autotoxicus.
21. Latex agglutination tests.
22. Significant bacteriuria.

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Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination – 27-Nov-2020

Time: Three Hours | Max. Marks: 100 Marks

PHARMACOLOGY – PAPER I (RS3)

Q.P. CODE: 1085

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

LONG ESSAYS — 2 x 10 = 20 Marks

1. Classify antianginal drugs. Discuss the mechanism of action, uses and adverse effects of Nitrates.
2. Classify antiepileptic drugs. Discuss the adverse effects and therapeutic uses of Phenytoin.

SHORT ESSAYS — 10 x 5 = 50 Marks

3. Levodopa
4. ACE inhibitors
5. Morphine
6. Thiopentone sodium
7. Management of organophosphate (OP) poisoning
8. Enumerate Statins. Write about mechanism of action and indication of Statins.
9. α blockers
10. Pharmacogenetics
11. Potassium sparing diuretics
12. Parenteral iron preparation

SHORT ANSWERS — 10 x 3 = 30 Marks

13. Nasal decongestants
14. Sublingual route
15. Mention four sedative hypnotics.
16. Plasma expanders
17. Uses of Diazepam
18. Pharmacotherapy of glaucoma
19. Tachyphylaxis
20. Mention four adverse effects of Amiodarone.
21. What is transdermal therapeutic system? Mention two drugs given by this route.
22. Drugs used in cardiogenic shock

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Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - 25-Nov-2020

Time: Three Hours | Max. Marks: 100 Marks

MICROBIOLOGY - PAPER II (RS3)

QP CODE: 1084

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

LONG ESSAYS 2 x 10 = 20 Marks

1. Enumerate small intestinal human nematodes. Describe in detail about the life cycle and pathogenesis of Ascaris lumbricoides.
2. Describe in detail about the pathogenesis and laboratory diagnosis of HIV infection. Add a note on opportunistic infection seen in AIDS.

SHORT ESSAYS 10 x 5 = 50 Marks

3. Write a note on Kyasanur Forest disease.
4. Immune prophylaxis of polio
5. Write a note on Cryptococcosis.
6. Write about Rota virus.
7. Clinical manifestations of Coxsackie viruses
8. Laboratory diagnosis of HCV infection
9. Mechanisms of viral oncogenesis
10. Write a note on Chagas disease
11. Enumerate liver flukes.
12. Write about coccidioidomycosis.

SHORT ANSWERS 10 x 3 = 30 Marks

13. Laboratory diagnosis of amoebic liver abscess
14. Acanthamoeba
15. Leishmania tropica complex
16. Viral hemagglutination
17. Write about tropical pulmonary Eosinophilia.
18. Enumerate parasitic zoonoses.
19. Complications of falciparum malaria
20. Enumerate dimorphic fungi.
21. Clinical manifestations of Strongyloidiasis
22. Epstein-Barr virus

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Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. PHASE II Degree Examination – 30-Nov-2020

Time: Three Hours | Max. Marks: 100 Marks

PHARMACOLOGY - PAPER -II (RS3)

QP Code: 1086

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

LONG ESSAYS 2 x 10 = 20 Marks

1. Classify antimalarial drugs. Explain the mechanism of action, uses and adverse effects of chloroquine. Add a note on artemisinin compounds.
2. Classify drugs used in the treatment of hyperthyroidism. Explain the mechanism of action and adverse effects of propylthiouracil. Add a note on drug treatment of thyrotoxic crisis.

SHORT ESSAYS 10 x 5 = 50 Marks

3. Doxycycline
4. Biguanides
5. H_2 blockers
6. Bisphosphonates
7. Nucleoside reverse transcriptase inhibitors
8. Sumatriptan
9. Inhalational steroids
10. Allopurinol
11. Cyclosporine
12. Albendazole

SHORT ANSWERS 10 x 3 = 30 Marks

13. Uses and adverse effects of methotrexate
14. Name two aminoglycosides. Mention four shared features of them
15. Name two fluoroquinolones. Explain their mechanism of action
16. Advantages of antimicrobial drug combinations with examples
17. Name two semisynthetic penicillins. Mention their advantages over natural penicillin G.
18. Explain the interaction between metoclopramide and levodopa
19. Lactulose
20. Name two H_1 receptor antagonists. Mention two uses and two adverse effects of them
21. Uses and adverse effects of vitamin D
22. Uses and adverse effects of oxytocin

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Rajiv Gandhi University of Health Sciences, Karnataka

MBBS PHASE II Degree Examination – 02-Dec-2020

Time: Three Hours | Max. Marks: 100 Marks

FORENSIC MEDICINE (RS3)

QP Code: 1087

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

LONG ESSAYS 2 x 10 = 20 Marks

1. Classify fire arms and describe the wounds caused by shot gun missile at different ranges of firing.
2. Classify poisons and write briefly about barbiturate poisoning.

SHORT ESSAYS 10 x 5 = 50 Marks

3. Artefacts
4. Difference between suicidal and homicidal cut throat injuries
5. Criminal professional negligence
6. Dactylography
7. The transplantation of Human organ Act 1994
8. Responsibilities of mentally ill person
9. Describe the post-mortem findings in death due to drowning.
10. Drug dependence
11. Virginity
12. Chelating agents

SHORT ANSWERS 10 x 3 = 30 Marks

13. Perjury
14. Joule burn
15. Negative Autopsy
16. Battered baby syndrome
17. Positive signs of pregnancy
18. Complications of criminal abortion
19. Mummification
20. Doctrine of Res ipsa loquitur
21. Grievous hurt
22. Lathyrism

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