

Rajiv Gandhi University of Health Sciences

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

26

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 aminoglycosides. Describe their shared properties, spectrum, adverse effects and indications. Add a note on 'Streptomycin'
2. Classify glucocorticoids according to their duration of action. Describe their adverse effects and indications

SHORT ESSAY

10 X 5 = 50 Marks

3. Directly Observed Treatment, short course chemotherapy (DOTS) under Revised National TB Control Programme
4. Nucleoside reverse transcriptase inhibitors
5. 5HT antagonists in therapy
6. Role of vitamins in treatment of diseases
7. H₂ antagonists
8. Role of Vinca alkaloids and taxanes in cancer
9. Newer insulins
10. Second-generation fluoroquinolones
11. Drugs in motion sickness
12. Beta lactamase inhibitors

SHORT ANSWERS

10 X 3 = 30 Marks

13. Niclosamide
14. Adverse effects of tetracyclines
15. Mesalamine
16. Radioactive Iodine - 131 (RI 131)
17. Desferrioxamine
18. Serratiopeptidase
19. Domperidone
20. Colchicine
21. Mucolytics
22. Clomiphene citrate

Rajiv Gandhi University of Health Sciences

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

30 A

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

Side

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

Anti Thyroid agents

SHORT ANSWERS

10 X 3 = 30 Marks

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

clomiphene citrate

Rajiv Gandhi University of Health Sciences

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

31

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

3. Drug therapy of peptic ulcer
4. Artemisinin 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 penicillin
16. Gonadotrophin releasing hormone analogues
17. Uses of D - penicillamine
18. Cyanocobalamin
19. Mesna
20. Ivermectin
21. Oseltamivir
22. Bisphosphonates & their uses

Rajiv Gandhi University of Health Sciences

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

35

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

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

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination – June / July 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 Beta lactam antibiotics. Explain the pharmacology of second generation cephalosporins. Write a note on Aztreonam.
2. Classify corticosteroids. Explain the mechanism of action. Adverse effects and contraindications of Corticosteroids. Write a note on methods to overcome the HPA Suppression.

SHORT ESSAY

10 X 5 = 50 Marks

3. Treatment of GERD
4. Uterine Stimulants
5. 5-HT antagonists
6. Methotrexate
7. Penicillamine
8. Drugs for Acne Vulgaris
9. Oral contraceptive pills
10. Metronidazole
11. Drugs in Typhoid
12. INH

SHORT ANSWERS

10 X 3 = 30 Marks

13. Drug treatment of Pseudomembranous Colitis
14. Incretin analogues
15. Neviripine
16. Linezolid
17. Calcipotriol
18. Drugs used in motion sickness
19. Levamisole
20. Oxidizing agents
21. III generation Fluoroquinolones
22. Clofazamine

Time: Three Hours

Max. Marks: 100 Marks

PHARMACOLOGY -Paper -II
(RS2 & RS3 SCHEME)

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 cephalosporins. Describe the mechanism of action, spectrum, adverse effects and indications.
2. Classify oral antidiabetic agents. Write the mechanism of action and adverse effects of any THREE of them. Add a note on management of diabetic ketoacidosis.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Ampicillin
4. Rifampicin
5. Azole antifungal agents
6. Protease inhibitors
7. Chloroquine
8. Natural products used in cancer
9. Therapeutic uses of glucocorticoids
10. Vitamin D
11. Osmotic purgatives
12. Anti-H.pylori agents

SHORT ANSWERS

10 x 3 = 30 Marks

13. Methotrexate
14. Second-generation H₁-antihistamines
15. Indomethacin
16. Mast cell stabilizers
17. Desferrioxamine
18. Immunosuppressants
19. Uricosuric agents
20. Tocolytics
21. L-Asparaginase
22. Clomiphene citrate

Time: Three Hours

Max. Marks: 100 Marks

PHARMACOLOGY -Paper -II
(RS2 & RS3 SCHEME)
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 penicillins. Explain the mechanism of action, uses and adverse effects of penicillin G.
2. Classify oral antidiabetic drugs. Explain the mechanism of action, uses and adverse effects of sulfonylureas.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Protease inhibitors
4. Azole antifungal agents
5. Cotrimoxazole
6. Write briefly on bacterial resistance
7. Adverse effect of long term therapy with glucocorticoids
8. Pharmacological actions uses and adverse effects of H₁ blockers
9. Proton pump inhibitors
10. Vitamin D
11. Calcineurin inhibitors
12. Disease modifying antirheumatoid drugs

SHORT ANSWERS

10 x 3 = 30 Marks

13. Diethylcarbamazine
14. Thalidomide
15. Treatment of typhoid carriers
16. Selective estrogen receptor modulators
17. Latanoprost
18. Metoclopramide
19. L-asparaginase
20. Probenecid
21. Tocolytics
22. d-penicillamine

Time: Three Hours

Max. Marks: 100 Marks

PHARMACOLOGY -Paper -II
(RS2 & RS3 SCHEME)
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 cephalosporins. Describe their mechanism of action, spectrum, adverse effects and indications.
2. Classify thyroid inhibitors. Explain the mechanism of action, uses and adverse effects of propylthiouracil.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Nucleoside reverse transcriptase inhibitors
4. Amphotericin B
5. Prophylactic use of antimicrobials
6. Ciprofloxacin
7. Oral contraceptives
8. H₂ receptor blockers
9. Bisphosphonates
10. Insulin secretagogues
11. Ecobolics
12. Cotrimoxazole

SHORT ANSWERS

10 x 3 = 30 Marks

13. Contraindications for glucocorticoid therapy
14. Albendazole
15. Explain why tetracyclines are contraindicated in children and pregnancy
16. Dimercaprol
17. Ondansetron
18. Treatment of lepra reaction
19. Letrozole
20. Shared toxicities of aminoglycoside antibiotics
21. Metoclopramide
22. Antitussives

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - June/July 2014

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper II (Revised Scheme II)

Q.P. 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 penicillins. Write mechanism of action, therapeutic uses and adverse effects of benzyl penicillin. Add a note on repository penicillins.
2. Classify drugs used in the treatment of diabetes mellitus. Write mechanism of action, therapeutic uses and adverse effects of insulin.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Ciprofloxacin
4. Methotrexate
5. Rifampicin
6. Mechanism of action, therapeutic uses and adverse effects of Carbimazole
7. Drug therapy of acute migraine
8. Inhalational Glucocorticoids
9. Protease inhibitors in treatment of HIV infection
10. Treatment of iron poisoning
11. Cotrimoxazole
12. Dapsone

SHORT ANSWERS

10 x 3 = 30 Marks

13. Meropenem
14. Mention three artemisinin based combination therapy (ACT) regimens for uncomplicated falciparum malaria
15. Mention any six general properties of Aminoglycosides.
16. Name three uses of cyclophosphamide.
17. Vitamin A
18. Name three tocolytic drugs with their mechanism of action
19. Albendazole
20. Mesalamine
21. Lactulose
22. Mention six drugs used in treatment of enteric fever.

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - Dec-2014

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper II (Revised Scheme II)

Q.P. 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. Enumerate tetracyclines. Outline their mechanism of action, therapeutic uses and adverse effects.
2. Pharmacotherapy of Rheumatoid arthritis

SHORT ESSAYS

10 x 5 = 50 Marks

3. Newer insulins
4. Beta lactamase inhibitors
5. Treatment of Migraine
6. Leukotriene antagonists
7. Bromocriptine
8. Therapeutic uses and adverse effects of Glucocorticoids
9. Mechanism of action, therapeutic uses and adverse effects of cyclophosphamide
10. Proton pump inhibitors
11. Non-nucleoside reverse transcriptase inhibitors
12. Rifampicin

SHORT ANSWERS

10 x 3 = 30 Marks

13. Name three antithyroid drugs and their mechanism of action.
14. What is Sequential blockade? Give one example.
15. Mention two Mucolytics and write the mechanism of action of any one.
16. Write mechanism of action, one use and one adverse effect of Colchicine
17. Write mechanism of action and two uses of Clomiphene citrate
18. Write two uses and one adverse effect of Ketoconazole.
19. Mention three drugs used for Lepra reaction.
20. Three uses of vitamin D
21. Name three drugs used in multidrug resistant malaria.
22. One use and two adverse effects of Desferrioxamine

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - JULY 2015

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper II (RS 2 & RS3)

Q.P. 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 Gluco-corticoids. Describe uses and contraindications of Gluco-corticoids. (2+4+4)
2. Classify Antimalarial Drugs. Write mechanism of action and adverse effects and uses of Chloroquine. (4+2+2+2)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Chemoprophylaxis of HIV infections
4. Uses and adverse effects of Rifampicin
5. Carbapenems
6. Ketoconazole
7. Proton Pump Inhibitors
8. 5 α -Reductase Inhibitors
9. Antitussives
10. Azathioprine
11. Oxidizing Antiseptic agents
12. Promethazine

SHORT ANSWERS

10 x 3 = 30 Marks

13. Advantages of Domperidone over Metoclopramide
14. Bisacodyl
15. Sulfasalazine
16. Three adverse effects of Aminoglycosides
17. Mention types of Insulin preparations.
18. Gonadotropin releasing Hormone Analogues
19. Mechanism of action of Fluoroquinolones
20. Mycophenolate Mofetil
21. Clavulanic Acid
22. Permethrin

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - DECEMBER 2015

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper II (RS2 & RS3 SCHEME)

Q.P. 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 drugs used in the chemotherapy of tuberculosis. Outline the mechanism of action and adverse effects of Isoniazid. Describe short course chemotherapy.
2. Classify Glucocorticoids. Describe their mechanism of anti-inflammatory actions, therapeutic uses and adverse effects.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Vinca alkaloids
4. Mast cell stabilizers
5. Management of diabetic ketoacidosis
6. Pantoprazole
7. Azithromycin
8. Third generation cephalosporins
9. Tocolytics
10. Ofloxacin
11. Fluconazole
12. Nucleoside reverse transcriptase inhibitors

SHORT ANSWERS

10 x 3 = 30 Marks

13. Name three, second-generation H1 antihistamines and their uses.
14. Three drugs used in Chloroquine resistant falciparum malaria with their mechanism of action
15. Lactulose
16. Dimercaprol
17. Radioactive Iodine
18. Domperidone
19. Diethyl carbamazine
20. Mention three drugs used in acute Gout.
21. Three drugs used in the treatment of Lepra reaction
22. Name three insulin analogues.

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - JUNE 2016

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper II (RS2 & RS3)

Q.P. 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 antitubercular drugs. Describe the mechanism of action, therapeutic uses and adverse effects of Rifampicin.
2. Classify corticosteroids and describe their pharmacological actions. Describe the adverse effects of long-term high dose corticosteroid therapy.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Mechanism of action and uses of co-trimoxazole
4. Erythromycin
5. Albendazole
6. Drug treatment of acute amoebic dysentery and chronic amoebiasis
7. Sulfonylureas as antidiabetic drugs
8. H₂ receptor antagonists
9. Salbutamol
10. d-penicillamine
11. Metoclopramide
12. Oxytocin

SHORT ANSWERS

10 x 3 = 30 Marks

13. What are advantages of amoxicillin over Ampicillin?
14. Enlist three drugs for the treatment of scabies.
15. Name three clinical conditions for which tetracyclines will be your drugs of choice.
16. What is the indication for use of Clomiphene citrate? What are its adverse effects?
17. How do iodides act as antithyroid drugs? What are indications for their use?
18. Name two serotonin (5HT) antagonists. Give indications for use of any one of them.
19. Name an osmotic purgative. Give its indications.
20. What are the advantages of oral rehydration therapy in a case of diarrhoea?
21. Name three Disease Modifying Anti-Rheumatic Drugs (DMARD) used in treatment of rheumatoid arthritis.
22. What are the indications for use of Vitamin A?

Time: Three Hours

Max. Marks: 100 Marks

PHARMACOLOGY -Paper -II

(RS2 & 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 antimalarials. Explain the mechanism of action, adverse effects and uses of chloroquine.
2. With the help of diagram of thyroid hormone synthesis, mark the site of action of various antithyroid drugs. Explain mechanism of action adverse effects and uses of radioactive iodine.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Inhaled glucocorticoids
4. Proton pump inhibitors
5. Uses and adverse effects of oxytocin
6. Protease inhibitors
7. Mechanism of action of hormonal contraceptives
8. Second generation antihistamines
9. Glycopeptide antibiotics
10. Mention adverse effects of first line drugs used in tuberculosis
11. Albendazole
12. Methods to ameliorate toxicity due to anticancer drugs

SHORT ANSWERS

10 x 3 = 30 Marks

13. Anabolic steroids
14. Alpha-glucosidase inhibitors
15. List three nitroimidazoles
16. Therapeutic uses of Vitamin C
17. Desferrioxamine
18. Ondansetron
19. Mention three prostaglandin analogues and list their three uses.
20. List three leukotriene antagonists
21. Rationale of using folinic acid with methotrexate
22. Name three Selective Estrogen Receptor Modulators (SERMs) and list their uses

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination – June 2017

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper II (RS2 & RS3)

Q.P. 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. Describe the antibacterial spectrum, mechanism of action, therapeutic uses and adverse effects of fluoroquinolones.
2. Classify antithyroid drugs. Describe the mechanism of action and adverse effects of (a) Carbimazole, (b) Radioactive Iodine.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Aminopenicillins
4. Therapeutic uses of Metronidazole
5. Drug treatment of chloroquine resistant malaria
6. Griseofulvin
7. Metformin
8. Selective Estrogen Receptor Modulators (SERMs)
9. Therapeutic uses and adverse effects of H₁ blockers
10. Sodium chromoglycate
11. Bulk purgatives
12. Oxytocics

SHORT ANSWERS

10 x 3 = 30 Marks

13. Explain why chloroquine is effective in extra-intestinal amoebiasis but not effective in intestinal amoebiasis.
14. What are adverse effects of aminoglycosides?
15. Why ethambutol is not used in children below six years?
16. Name two centrally acting cough suppressants. Why they are not used in a patient having productive cough?
17. Explain how Sucralfate acts. Can it be used along with antacids? Give reason.
18. Enumerate therapeutic uses of prostaglandins.
19. What are indications for use of Dimercaprol? Where is it contraindicated?
20. Name two uricosuric drugs. How do they produce uricosuric effect?
21. How does Metoclopramide produce its antiemetic effect? What is its central toxicity?
22. Explain the terms 'Antiseptic' and 'Disinfectant' with examples.

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination – DEC 2017

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper II (RS2 & RS3)

Q.P. 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. What are the common characteristics of aminoglycoside antibiotics? Describe the mechanism of action, therapeutic uses and adverse effect of gentamicin.
2. Describe the mechanism of action and adverse effects of oral contraceptive pills. What instructions should be given to the patient regarding their use?

SHORT ESSAYS

10 x 5 = 50 Marks

3. Therapeutic uses and adverse effects of chloroquine
4. Third generation cephalosporins
5. Albendazole
6. Isonicotinic acid hydrazide (INH)
7. Insulin preparations
8. Non-sedative H₁ receptor blockers
9. Drug treatment of status asthmaticus
10. Passive immunization
11. Proton pump inhibitors
12. Allopurinol

SHORT ANSWERS

10 x 3 = 30 Marks

13. What are advantages of Azithromycin over Erythromycin?
14. Write the mechanism of action of Dapsone and write two adverse effects.
15. What is the rationale for combining Clavulanic acid with Amoxycillin?
16. What are advantages and disadvantages of radioactive iodine as an antithyroid drug?
17. What are the adverse effects of corticosteroids on bones and skeletal muscles?
18. List two indications for use of Ondansetron? What is its mechanism of action?
19. Name two emollient laxatives. Give two indications and two adverse effects.
20. List three topical antifungal agents and write three uses.
21. Explain why Ergometrine can not be used for induction of labour.
22. What are the indications for use of Vitamin C?

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - JULY-2018

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper II (RS2 & RS3)

Q.P. 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 Oral Antidiabetic Drugs. Describe mechanism of action and adverse effects of Metformin.
(4+3+3)
2. Classify drugs used in tuberculosis. Describe mechanism of action, adverse effects and uses of Rifampicin.
(3+2+3+2)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Sumatriptan
4. Topical Gluco-corticoids
5. Danazol
6. Stimulant Purgatives
7. Cotrimoxazole
8. Monobactams
9. Mechanism of action and uses of Metronidazole
10. Diethyl-carbamazine
11. Tocolytics
12. Retroviral Protease Inhibitors

SHORT ANSWERS

10 x 3 = 30 Marks

13. Disadvantages of Anticholinergic Bronchodilators
14. Ulcer protectives in Peptic Ulcer disease
15. Expectorants
16. Cetirizine
17. Adverse effects of Metoclopramide
18. Dimercaprol
19. Vincristine
20. Calciferol
21. Phenol derivative Antiseptics
22. Lactulose

Time: Three Hours

Max. Marks: 100 Marks

PHARMACOLOGY -Paper -II (RS2 & 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 penicillins. Explain the therapeutic uses and adverse effects of penicillin G.
2. Classify oral antidiabetic drugs with examples. Explain the mechanism of action of any one group and outline the management of diabetic ketoacidosis.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Adverse effects of glucocorticoids
4. Propylthiouracil
5. Proton pump inhibitors
6. Metoclopramide
7. Sodium chromoglycate
8. Cotrimoxazole
9. Amphotericin B
10. General toxicities of cytotoxic drugs and measures to ameliorate them
11. Bacterial drug resistance
12. Selective Estrogen Receptor Modulators (SERMs)

SHORT ANSWERS

10 x 3 = 30 Marks

13. Name two mucolytics and give their mechanism of action
14. Radical cure of vivax malaria
15. Mention three tocolytics and list three uses.
16. Giving the indication explain the rationale for the use of metronidazole with diloxanide furoate
17. Mention three adverse effects of Zidovudine.
18. Write three advantages of azithromycin over erythromycin
19. Cyproheptadine
20. Name three prostaglandin analogues with one different use for each
21. d-penicillamine
22. Name three Anti-H pylori drugs

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination – JULY-2019

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper II (RS2 & RS3)

Q.P. 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 drugs used in peptic ulcer. Discuss the mechanism of action, adverse effects and uses of Proton pump inhibitors.
2. Classify antitubercular drugs. Describe the mechanism of action, therapeutic uses and adverse effects of Rifampicin.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Inhaled steroids used in Bronchial asthma
4. Enumerate Insulin analogues. Write their indication and advantages.
5. Third generation cephalosporins
6. Oral contraceptives
7. Osmotic purgatives
8. Dapsone
9. 5-Alpha reductase inhibitors
10. Discuss the mechanism of action, uses and adverse effects of Chloroquine.
11. Bisphosphonates
12. Fluconazole

SHORT ANSWERS

10 x 3 = 30 Marks

13. Advantages of second generation antihistaminics over first generation
14. Advantages of doxycycline
15. Name two drugs which are selective estrogen receptor modulators. List one therapeutic use for each.
16. Beta-lactamase inhibitors
17. Mast cell stabilizers
18. Penicillamine
19. Ondansetron
20. Citrovorum factor rescue
21. Enumerate the difference between Propylthiouracil and Carbimazole.
22. Name four drugs used in treatment of Rheumatoid arthritis.

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. H₂ 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 H₁ 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

M.B.B.S. PHASE II Degree Examination – 12-Mar-2021

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 insulin preparations according to duration of action. Describe the treatment of diabetic ketoacidosis.
2. Classify antiamoebic drugs according to their site of action. Explain the mechanism of action, adverse effects and uses of metronidazole.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Artemisinin and its derivatives
4. Adverse effects and contraindications of glucocorticoids
5. Azithromycin
6. Albendazole
7. Antimetabolites
8. Parenteral contraceptive
9. Management of status asthmaticus
10. Prostaglandin analogues
11. Cotrimoxazole
12. Proton pump inhibitors

SHORT ANSWERS

10 x 3 = 30 Marks

13. Name three differences between propylthiouracil and carbimazole
14. Post exposure prophylaxis in HIV
15. Three Prokinetic agents
16. Three Bulk forming agents
17. Mention two Mucolytics and write mechanism of action.
18. Two uses of Oral rehydration solution
19. Mention three Anti -H. pylori agents
20. Mention three drugs used for Lepa reactions
21. Mention three Topical antifungal agents
22. Three adverse effects of chloramphenicol