

NOV-2017

BLDE UNIVERSITY
POST GRADUATE DEGREE EXAMINATION

[Time : 3 Hours]

[Max.Marks : 100]

MD IN PHARMACOLOGY – PAPER - I

QP CODE : 5021

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 marks)

1. Discuss the clinical importance of plasma half-life. Give an example. How does plasma half-life affect dosing schedule?
2. Discuss the pathogenesis of malaria. Discuss the use of combination therapy in malaria

Short Essay (Three gaps between answers)

(6x10=60 marks)

3. Chronopharmacology
4. Dissociative constant
5. Structure- activity relationship of sympathomimetics
6. Pharmacogenetics
7. Drugs of abuse
8. Internet as a source of drug information

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[Time : 3 Hours]

[Max.Marks : 100]

MD IN PHARMACOLOGY – PAPER - II

QP CODE : 5022

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 marks)

1. Discuss the management of refractory heart failure. Add a note on diuretic resistance
2. Discuss the recent challenges faced in treating ICU acquired infections. Add a note on management of MRSA

Short Essay (Three gaps between answers)

(6x10=60 marks)

3. Gene therapy of Parkinsons disease
4. Treatment of hookworm infestation
5. XDR TB
6. Treatment of post-menopausal osteoporosis
7. Alkylating agents in cancer chemotherapy
8. Fourth generation cephalosporins

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[Time : 3 Hours]

[Max.Marks : 100]

MD IN PHARMACOLOGY – PAPER - III

QP CODE : 5023

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 marks)

1. Describe various animal experimental modules for screening of antiepileptic drugs
2. Discuss the various methods for screening and compound with antibiotic properties.

Short Essay (Three gaps between answers)

(6x10=60 marks)

3. Chi- square test
4. Screening of oral contraceptives
5. In-vitro animal models
6. CPCSEA
7. Care of laboratory mice
8. Problems in designing an animal house

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[Time : 3 Hours]

[Max.Marks : 100]

MD IN PHARMACOLOGY – PAPER - IV

QP CODE : 5024

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 marks)

1. Discuss why development of newer antibiotics has slowed down. Illustrate with an example
2. Steps in rational prescribing

Short Essay (Three gaps between answers)

(6x10=60 marks)

3. Newer uses of colchicine
4. Newer anti- diabetic drugs
5. How will you set up drug information center in your college?
6. Bisphosphonates
7. Phase zero clinical trials
8. II messenger systems in adrenergic transmission & their role in drug tolerance