

23/6/22

June

Roll Number ----- (Total Number of Questions 13) (Total number of Printed Pages 01)

Programme	B. Pharmacy
Semester	6 th
Subject	Pharmacology-III
Subject Code	BP602T
Paper ID	77987
Time	3Hours
Maximum Marks	75

Instructions to Candidates: No supplementary/continuation sheet will be issued to the candidates. Answer the questions precisely.

*Section A consists of Ten parts of 2 marks each (Objective Type); Attempt **ALL**.

Section B consists of Three questions carrying 10 marks each (Long Answer); attempt any **TWO.

*** Section C consists of Nine questions carrying 5 marks each (Short Answer); attempt any **SEVEN**.

Section A**(10 X 2 = 20)**

1. Give very short answers to the followings (2 marks each):

i.	What are Respiratory stimulants?
ii.	Define Cough and its types.
iii.	What is Diarrhoea?
iv.	Define Suprainfection.
v.	What are biosimilars?
vi.	What is Grey baby syndrome?
vii.	What are Opportunistic infections?
viii.	Define Chronobiology and Chronopharmacology.
ix.	What are different types of TB?
x.	What are protein drugs?

Section B**(2 X 10 = 20)**

2.	Discuss about respiratory stimulants with their pharmacological actions and therapeutic uses.
3.	Discuss the Biological clock and their significance leading to chronotherapy.
4.	Describe the pharmacology of tetracycline in detail.

Section C**(7 X 5 = 35)**

5.	What are the methods to evaluate on acute and chronic toxicity?
6.	Write note on drugs used in the management of urinary tract infections.
7.	Explain the chemotherapy of anti-amoebic agents.
8.	Explain the chemotherapy of Antimalarial drugs.
9.	Give the classification of anti-ulcer drugs. Discuss mechanism of PPIs.
10.	Classify the first line anti-tubercular drugs and their pharmacology.
11.	Write the mechanism of alkylating agents in cancer.
12.	Write note on laxatives and purgatives.
13.	Write the drugs and therapeutic uses of quinolones.

Note: Disclosure of identity by writing mobile number or making request for passing on any page of answer-sheet will lead to UMC against the candidate.

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Total No. of Pages : 02

Total No. of Questions : 22

B. Pharma (2017 Batch) (Sem.-6)
PHARMACOLOGY-III-THEORY

Subject Code : BP-602T

M.Code : 77987

Max. Marks : 75

Time : 3 Hrs.

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.
3. SECTION-C contains NINE questions carrying FIVE marks each and students have to attempt any SEVEN questions.

SECTION-A

Answer the following :

1. What are respiratory stimulants? Give two examples.
2. What are emetics? Give two examples.
3. What is superinfection?
4. What is cotrimoxazole?
5. What is fancony syndrome?
6. Highlight therapeutic implications of chloroquine.
7. Highlight main side effects of chloramphenicol.
8. What is an antidote? Mention antidotes of morphine poisoning.
9. What are immunosuppressants? Give two examples.
10. What is chemotherapy?

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SECTION-B

11. Classify anti-ulcer drugs and discuss pharmacology of H₂ receptor antagonists.
12. Classify penicillins and discuss mechanism of action and side effects of penicillins.
13. Write an exhaustive note on anti-tuberculostatic drugs.

SECTION-C

14. Give an account of prokinetic drugs as anti-emetic agents.
15. Add a note on mechanism and side effects of tetracyclines.
16. Explain clinical symptoms and management of organophosphorus compounds poisoning.
17. Add a note on mast cell stabilizers for asthma.
18. Write a note on cotrimoxazole.
19. Describe various types of biological rhythms.
20. Write a brief note on alkylating agents used in malignancy.
21. Write a note on antitussives.
22. Add a note on amphotericin-B as antifungal agent.

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Roll No.

Total No. of Questions : 10

B.Pharm (2012 to 2016) (Sem.-6)
PHARMACOLOGY-II
Subject Code : BPHM-603
M.Code : 71035

Max. Marks : 80

Time : 3 Hrs.

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt any THREE questions.

SECTION-A

1. Answer briefly :

- a) What are central sympatholytics?
- b) What are the adverse effects of ACE inhibitors?
- c) What are the adverse effects of calcium channel blockers as antihypertensive agents?
- d) What is RAS?
- e) Name two antianginal drugs.
- f) What is pentagasin?
- g) What are thromboxanes?
- h) Which drugs are employed for deep vein thrombosis?
- i) What are antiplatelet drugs?
- j) Discuss the pharmacological use of leukotriene antagonists.
- k) Name two drugs used in the therapy of shock.

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- i) What are selective COX-2 inhibitors?
- m) Discuss pharmacological role of substance P.
- n) Discuss potential of monoclonal antibodies as antiasthmatic drug.
- o) Differentiate antitussive and expectorants.

SECTION-B

2. How Angiotensin ATI receptor antagonists are better than ACE inhibitors?
3. Discuss the potential of Calcium channel blockers as antiarrhythmic drugs.
4. Write a note on potassium sparing diuretics.
5. What are NSAIDs? Explain the mechanism of aspirin as antiplatelet drug.
6. What are low molecular weight heparins?

SECTION-C

7. Discuss the role of renin-angiotensin-aldosterone system (RAAS) in the regulation of blood pressure and give an account of anti-hypertensive drugs affecting RAAS.
8. What are antiasthmatic drugs? Explain the role methylxanthines as antiasthmatic drugs.
9. Explain the mechanism and pharmacological action of :
 - a) Bradykinin
 - b) Substance P
10. Write a note on platelet activating factor and discuss pharmacological implications of PAF antagonists.

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