



Faculty of Pharmacy

End Semester Examination May 2025

PY3CO24 Pharmacology -III

Programme	: B.Pharm.	Branch/Specialisation	: -
Duration	: 3 hours	Maximum Marks	: 75

Note: All questions are compulsory. Internal choices, if any, are indicated. Assume suitable data if necessary. Notations and symbols have their usual meaning.

Section 1 (Answer all question(s))

Marks CO BL

Q1. Name the source of penicillin antibiotics.

2 1 1

Rubric	Marks
SOURCE: 2 MARKS	2

Q2. Write any two principles of chemotherapy.

2 1 1

Rubric	Marks
PRINCIPLE - 1 MARK EACH	2

Q3. Define the term efflux.

2 2 1

Rubric	Marks
DEFINITION - 2 MARKS	2

Q4. Give two examples of aminoglycosides.

2 2 1

Rubric	Marks
EXAMPLE - 1 MARK EACH	2

Q5. Write four names of sexually transmitted infections.

2 3 1

Rubric	Marks
NAMES- 0.5 marks each	2

Q6. Define Monoclonal Antibody.

2 3 1

Rubric	Marks
DEFINITION - 2 MARKS	2

Q7. Define Expectorants with example.

2 4 1

Rubric	Marks
DEFINATION -1 MARK EXAMPLE -1 MARK	2

Q8. Define digestants and carminatives.

2 4 1

Rubric	Marks
DEFINITION -1 mark each	2

Q9. Define the term carcinogenicity.

2 5 1

Rubric	Marks
DEFINITION -2 MARKS	2

Q10. Write types of toxicity with examples.

2 5 1

Rubric	Marks
Types-1 MARK EXAMPLES -1 MARK	2

Section 2 (Answer any 2 question(s))

Marks CO BL

Q11. Write about the sulphonamide and macrolides with the mode of action with examples.

10 1 1

Rubric	Marks
Definition of sulphonamide- 2 marks Definition of macrolides- 2 marks, Mode of action of both- 2 marks each, example- 1 marks each	10

Q12. Explain in detail about antiviral drugs. Classify them with a general mode of action and adverse effects.

10 2 1

Rubric	Marks
Definition - 2 marks Classification - 3 marks Mode of action - 3 marks Adverse effect - 2 marks	10

Q13. (a) What are anti-fungal drugs? Discuss first-line drugs used in its chemotherapy with MOA.
(b) Write a note on antileprotic drugs with the general mode of action.

10 2 1

Rubric	Marks
Definition of antifungal drug- 1 mark Example of first line drug- 1 mark Mode of action - 3 marks	5
Definition of antileprotic drugs - 2marks Mode of action - 3 marks	5

Section 3 (Answer any 2 question(s))

Marks CO BL

Q14. Discuss the scope of immunostimulants and immunosuppressant.

5 3 1

Rubric	Marks
scope of immunostimulants- 2.5 marks scope of immunosuppressant - 2.5 marks	5

Q15. Elaborate the chemotherapy of urinary tract infection with MOA.

5 3 1

Rubric	Marks
Chemotherapy of UTI 2 marks MOA- 3 marks	5

Q16. Discuss the etiology and treatment of sexually transmitted disease.

5 3 1

Rubric	Marks
Etiology- 2 marks Treatment of sexually transmitted disease.- 3 marks	5

Section 4 (Answer any 2 question(s))

Marks CO BL

Q17. Write a note on emetics and antiemetics with examples.

5 4 1

Rubric	Marks
Energetic 2.5 Marks Antiemetics 2.5 Marks	5

Q18. Define antiulcer agents. Give examples with MOA.

5 4 1

Rubric	Marks
Definition- 1 mark MOA - 2 marks Example: 1 Mark	5

Q19. Write the MOA and names of drugs used in the management of COPD.

5 4 1

Rubric	Marks
Names of Drugs:2 marks MOA : 3 marks	5

Section 5 (Answer all question(s))

Marks CO BL

Q20. Write the MOA of organophosphorus poisoning. How can it be treated?

5 5 1

Rubric	Marks
MOA- 3 marks Treatment -2 marks	5

Q21. Write a short note on the Biological clock and its significance in chronopharmacology.

5 5 1

Rubric	Marks
Note on Biological clock- 3 marks Significance in chronopharmacology.- 2 marks	5

Q22. Describe the principle of genotoxicity with examples.

5 5 1

Rubric	Marks
Principle - 3 marks example -2 marks	5
