

Faculty of Pharmacy

End Semester Examination May 2025

PY3CO25 Herbal Drug Technology

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
 2 1 1

Q1. Define Herbs with example.

Rubric	Marks
Define Herb.	1
example.	1

Q2. What is Pest? Enlist any four pest control methods.

2 1 1

Rubric	Marks
What is Pest?	1
Enlist pest control methods.	1

Q3. What are nutraceuticals?

2 2 2

Rubric	Marks
What are nutraceuticals	1
with examples?	1

Q4. Classify herb-drug Interactions.

2 2 2

Rubric	Marks
Classify herb-drug Interactions?	2

Q5. Classify natural excipients.

2 3 2

Rubric	Marks
Classify natural excipients.	2

Q6. Enlist different types of Antioxidants used as herbal Raw material.

2 3 2

Rubric	Marks
Enlist different types of Antioxidants used as herbal Raw material.	2

Q7. Discuss Biopiracy and Bioprospecting.

2 4 2

Rubric	Marks
Discuss Biopiracy	1
Bioprospecting	1

Q8. What are different parameters for quality control of herbal preparations?

2 4 2

Rubric	Marks
Different parameters for quality control of herbal preparations?	2

Q9. What are ASU drugs?

2 5 3

Rubric	Marks
ASU drugs.	2

Q10. What is Schedule T?

2 5 3

Rubric	Marks
Schedule T.	2

Section 2 (Answer any 2 question(s))

Marks CO BL

Q11. Enumerate the basic concepts, procedure, diagnosis, and treatment behind Ayurveda. Briefly explain the quality controls methods for the standardization of Bhasma. 10 1 1

Rubric	Marks
Enumerate the basic concepts, procedure, diagnosis, and treatment behind Ayurveda	5
Briefly explain the quality controls methods for the standardization of Bhasma.	5

Q12. Explain about the drug interactions of Ginseng and Hypericum.

10 2 2

Rubric	Marks
Explain about the drug interactions of Ginseng (At least 3).	5
Explain about the drug interactions of Hypericum. (At least 3).	5

Q13. (a) Write in detail about organic farming.

10 2 2

(b) Write a short note on honey and spirulina used as health supplement.

Rubric	Marks
Methods and definition	5
Write short note on honey and spirulina used as health supplement	5

Section 3 (Answer any 2 question(s))

Marks CO BL

Q14. Classify herbal raw materials. Explain any two classes in detail.

5 3 2

Rubric	Marks
Classify Herbal raw materials.	2
Explain any two classes in detail.	3

Q15. Elaborate phytosomes as novel dosage form.

5 3 2

Rubric	Marks
Elaborate Phytosomes as novel dosage form.	5

Q16. Write a note on Herbal excipients with gums as examples.

5 3 2

Rubric	Marks
Classification of excipients and types of gums	5

Section 4 (Answer any 2 question(s))

Marks CO BL

Q17. Define Patent. Discuss the case study of Neem.

5 4 2

Rubric	Marks
Define Patent.	2
Discuss the case study of Neem.	3

Q18. Explain in detail WHO guidelines for assessment of herbal drugs.

5 4 2

Rubric	Marks
Explain in detail WHO guide lines for assessment of herbal drugs.	5

Q19. Describe in detail about functions and composition of ASU DTAB.

5 4 2

Rubric	Marks
Describe in detail functions and composition of ASU DTAB.	5

Section 5 (Answer all question(s))

Marks CO BL

Q20. Describe in detail about Indian and Global scenario of herbal drug industry.

5 5 2

Rubric	Marks
Global scenario of herbal drug industry.	5

Q21. What is GMPs? State its objectives and significance.

5 5 3

Rubric	Marks
What are GMPs (Definition).	2
State its objectives and significance	3

Q22. Write in detail about plant-based industries in India.

5 5 3

Rubric	Marks
Detail about plant-based industries in India (At least 5 Marks)	5
