

QP Code: 623006

Reg. No.....

**Sixth Semester B. Pharm Degree Supplementary Examinations  
January 2022  
Herbal Drug Technology  
(2017 Scheme)**

**Time: 3 Hours**

**Max. Marks: 75**

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

**Essays**

**(2x10=20)**

1. Explain plant based industries and institutions involved in work on medicinal and aromatic plants in India.
2. Explain the guidelines of Good Agriculture Practice (GAP) in cultivation of medicinal plants.

**Short Notes**

**(7x5=35)**

3. Explain phytosomes.
4. Describe any two herbs used as nutraceuticals
5. Explain hair care products.
6. Explain flavors and perfumes as excipients.
7. Mention objectives of good manufacturing practice of Indian system of medicine.
8. State ICH guidelines for evaluation of herbal drugs.
9. Explain preparation of Lehya along with one example.

**Answer Briefly**

**(10x2=20)**

10. Mention source and pharmaceutical uses of bees wax.
11. Define schedule Z.
12. Mention the source and uses of any two fixed oils.
13. Define bioprospecting.
14. Explain viscosity builders.
15. Mention the health benefits of Ashwagandha.
16. Mention the anti-oxidants used in oral hygiene products.
17. Explain the benefits of patenting.
18. Define biodynamic agriculture.
19. Explain how Ayurveda medicine is different from herbal medicine.

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