

QP CODE: 214329

Reg. No:.....

**Second Semester M.Pharm Degree Supplementary Examinations
January 2019**

M.Pharm (Pharmaceutical Analysis)

**Paper IV: Herbal and Cosmetic Analysis (MPA 204T)
(2017 Scheme)**

Time: 3 Hours

Total Marks: 75

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Describe in detail about AYUSH guidelines for herbal drug standardization
2. Explain in detail about bio drug –drug and bio drug – food interactions with suitable examples
3. Explain about stability testing of natural products

Short Notes

(9x5=45)

4. Saponification value for cosmetic products
5. Testing of skin care products
6. Evaluation of dental products
7. Sampling procedure in adulteration
8. Determination of iodine value
9. Regulatory requirements for setting herbal drug industry
10. Determination of foreign matter
11. WHO guidelines in quality assessment of herbal drugs
12. Pesticide residues
