

Total No. of Questions : 14]

MPA 204 T

[Total No. of Pages : 02

M. PHARMACY (Regular) DEGREE EXAMINATIONS, DECEMBER-2022
Second Semester
PHARMACEUTICAL ANALYSIS
HERBAL AND COSMETICS ANALYSIS

Time : **Three Hours**

Maximum : **75 Marks**

SECTION - A

Answer any FIVE Questions.

5x5 = 25 M

1. Explain in detail about the pharmacodynamic issues of herbal drugs.
2. Write the types of adulteration of herbal drugs with examples.
3. Briefly outline the regulations in dispensing of herbal drugs.
4. Write a short note on bio drug food interaction with examples.
5. Discuss the principle and procedure involved in determination of Iodine value.
6. Explain the principle and procedure involved in determination of Iron in baby toilet soap as per Indian standard.
7. Briefly outline the various quality control tests for herbal shampoos.

SECTION - B

Answer any FIVE Questions.

5x10 = 50 M

8. Discuss the AYUSH guidelines for Herbal drug standardization.
9. Give an account on regulatory requirements for setting herbal drug industry.
10. Discuss the monograph of herbal medicines in Siddha Pharmacopoeia and add a comparative note with Ayurvedic pharmacopoeia.

[P.T.O.]

11. Explain the WHO guidelines for safety monitoring of herbal medicine.
12. Explain the procedures for the determination of Rancidity, Ash, heavy metals, density and viscosity of cosmetic raw materials and finished products.
13. Discuss the Indian standard specifications laid down for sampling and testing of Dental products.
14. Write a note on types of adulteration of herbal drugs and explain the DNA finger printing techniques in identification of drugs of natural origin.



*Ume
Mangar*

Total No. of Questions : 14]

MPA 204 T

[Total No. of Pages : 01

M. PHARMACY DEGREE EXAMINATIONS, JULY - 2022

Second Semester

PHARMACEUTICAL ANALYSIS

HERBAL AND COSMETICS ANALYSIS

Time : Three Hours

Maximum : 75 Marks

SECTION - A

Answer any FIVE Questions.

5x5 = 25 M

1. Write a note on efficacy of herbal medicine products.
2. Explain the determination of microbial contamination in herbal formulations.
3. Compare monographs of herbal medicines in Siddha and Unani Pharmacopoeia.
4. Outline the challenges in monitoring the safety of herbal medicines.
5. Describe the determination of moisture and viscosity of herbal cosmetics.
6. Illustrate the Indian standard specifications laid down for sampling and testing of lipsticks.
7. Write a note on Global marketing management for setting herbal drug industry.

SECTION - B

Answer any FIVE Questions.

5x10 = 50 M

8. Explain pharmacodynamic and pharmacokinetic issues of herbal therapy.
9. Write different types of adulterants of herbal drugs and discuss causes and measures of adulteration.
10. Write a detailed note on effect of herbal medicine on clinical laboratory testing.
11. Explain WHO guidelines in quality assessment of herbal drugs.
12. Describe bio drug - drug and bio drug - food interactions with suitable examples.
13. Explain the determination of saponification value and peroxide value in herbal cosmetic products.
14. Discuss the AYUSH guidelines for herbal drug standardization.

Total No. of Questions : 14]

MPA 204 T

[Total No. of Pages : 01

M. PHARMACY (REGULAR) DEGREE EXAMINATIONS, JANUARY-2022

Second Semester

PHARMACEUTICAL ANALYSIS

HERBAL AND COSMETICS ANALYSIS

Time : **Three Hours**

Maximum : **75 Marks**

SECTION - A

Answer any FIVE Questions.

5x5 = 25 M

1. Briefly describe the pharmacokinetic issues with herbal drug therapy.
2. Write a note on causes and measures of adulteration.
3. Describe the effect of herbal medicine on clinical laboratory testing.
4. Compare the monographs of herbal medicines in American and British herbal pharmacopeia.
5. What are bio-drug-drug interactions ? Explain with suitable examples.
6. Explain the principle and procedure involved in the determination of ester value.
7. Illustrate the Indian standard specifications laid down for sampling and testing of Baby powder.

SECTION - B

Answer any FIVE Questions.

5x10 = 50 M

8. Write a note on WHO guidelines for Herbal drug standardization.
9. Discuss the DNA finger printing technique in identification of drugs of natural origin.
10. Write a note on stability testing of natural products and its protocol.
11. Discuss the challenges in monitoring the safety of herbal medicines.
12. Discuss the Indian standard specifications laid down for sampling and testing of Lipstics and skin creams as per Bureau of Indian Standards.
13. Describe the AYUSH guidelines for safetory monitoring of natural medicine.
14. Write a note on International patent law as applicable herbal drugs and natural products and its protocol.



M.PHARMACY (Regular) DEGREE EXAMINATIONS, AUGUST-2019**Second Semester****PHARMACEUTICAL ANALYSIS****HERBAL AND COSMETICS ANALYSIS****Time: Three Hours****Maximum marks:75****SECTION-A****Answer any FIVE of the following.****5X5=25M**

1. Outline the principles of validation of pharmacokinetics in herbal therapies.
2. Write a short note on DNA finger printing techniques in identification of drugs of natural origin.
3. Briefly explain the effect of herbal medicine on clinical laboratory testing.
4. Outline AYUSH guidelines for safety monitoring of natural medicine.
5. Write the procedure for determination of pesticide residues and phototoxins in herbal formulations.
6. Briefly outline the challenges in monitoring the safety of herbal medicines
7. Illustrate the Indian standard specifications laid down for sampling and testing of herbal products as per Bureau Indian standards (BIS)

SECTION-B**Answer any FIVE of the following.****5X10=50M**

8. Discuss WHO guidelines for standardization of herbal drugs.
9. Write a note on types and causes of adulteration/substitution of herbal drugs and its measures to be employed.
10. Discuss Indian patent laws applicable to herbal drugs and natural products and its protocol.
11. Write a detailed note on stability testing of natural products.

**P.T.O**

12. Explain bio drug-drug and bio-drug food interactions with suitable examples.
13. Write the principle and procedure involved in determination of Acid value, saponification value and Iodine value.
14. Write a note on evaluation tests for skin care products and lipsticks as per Bureau Indian Standards (BIS)

