

**IV/IV B.PHARMACY (Regular) DEGREE EXAMINATIONS, APRIL-2019**

**8<sup>th</sup> Semester**

**B.PHARMACY  
PHARMACOGNOSY-II**

**Time: Three Hours**

**Maximum marks:70**

**SECTION-A**

**Answer any FOUR Questions**

**4X10=40M**

1. Write a Pharmacognostic study of liquorice and quassia
2. Write a monographs of kurchi and ergot
3. Give the biological source, chemical constituents and uses of any five ayurvedic drugs.
4. What is alkaloid. Explain the properties, chemical tests and extraction of alkaloids.
5. Write about the Pharmacognostic study of sandal wood and vetiver.
6. Write about the applications of plant tissue culture with suitable examples.

**SECTION-B**

**Answer any TEN Questions**

**10X3=30M**

7. Write about the biological source, chemical tests and uses of cinnamon.
8. Write the chemical tests and storage of volatile oils.
9. Write a monographs on vasaka.
10. Write the biological source and identification tests for Bitter orange peel.
11. Write a short notes on sandal wood.
12. Write about the biological source and identification tests for buboisia.
13. Write about the biological source, chemical tests and uses of palmarosa.
14. Write about the preparation of culture medium for plant tissue culture.
15. Write about the Pharmacognostic study of stropharnthus.
16. Write about the method of preparation and uses of linseed
17. Write about the Pharmacognostic study of saffron.
18. Write about the Pharmacognostic study of solanum khasianum.

**IV/IV B.PHARMACY (Regular) DEGREE EXAMINATIONS, April-2018****Eighth Semester****B.PHARMACY****PHARMACOGNOSY-II****Time: Three Hours****Maximum marks:70****SECTION-A****Answer any FOUR Questions****4X10=40M**

1. Write a Pharmacognostic study of Wildcherry bark and ginger.
2. Write a monograph of ipecac and ergot.
3. Give the chemical constituents, pharmacological actions and uses of any five Ayurvedic drugs.
4. Write a definition, classification and distribution of alkaloids with suitable examples.
5. What is volatile oil? Explain the different types of extraction of volatile oils with suitable examples.
6. What is plant tissue culture? Explain the historical development of plant tissue culture.

**SECTION-B****Answer any TEN Questions****10X3=30M**

7. What are the pharmacological uses of tulsi.
8. Explain the method of preparation of peppermint.
9. Write about the general properties of volatile oils.
10. Write a monographs on dill.
11. Write a monographs on rauwolfia.
12. What is callus culture.
13. Write about the method of preparation and pharmacological uses of caraway.
14. Write about the chemical constituents and pharmacological uses of datura.
15. Write about the chemical constituents and Pharmacological uses of Nux-vomica.
16. Write a short notes on Quassia.
17. Write about the nutritional requirements of plant tissue culture.
18. Write the definition and method of preparation of lipids.

## IV/IV B.PHARMACY DEGREE EXAMINATIONS, APRIL-2017

8<sup>th</sup> Semester

## PHARMACOGNOSY-II

Time: Three Hours

Maximum marks:70

**SECTION-A****Answer any FOUR questions. (4 x 10=40 M)**

1. What are glycosides. Give a monograph on Digitalis.
2. Name the chemical constituents, sources and uses of the following  
a) Senna      b) Ephedra      c) Tulsi
3. What is a plant tissue culture. What are the applications of plant tissue culture in the production of secondary metabolites.
4. What are the tests involved in identifying volatile oil. Write about the systematic pharmacognostic study of cinnamon.
5. Give the chemical constituents and pharmacological actions of  
a) Satavar      b) Sankhapushpi      c) Amla
6. Define lipids with examples. Write a monograph on Bees wax.

**SECTION-B****Answer any TEN questions. (10 x 3=30 M)**

7. Write about the active constituents and uses of Ergot.
8. What is a cardiogenic. Give the chemical constituents and uses of squill
9. With a neat labeled diagram explain the microscopy of clove
10. Name the alkaloids that are useful in treating cancer. Also write the biological sources of vinka and vasaka.
11. Write the biological source, active constituents and uses of belladonna and cardamom.
12. Write short notes on wool fat.
13. Write the active constituents and uses of shark liver oil, cinnamon and rhubarb.
14. Explain the chemical tests involved in the identification of lipids.
15. Write about the cultivation and collection of opium.
16. Classify glycosides with examples.
17. What are adulterants? Give any two chemical tests to identify adulterants in crude drugs.
18. Explain the uses and chemical constituents in Linseed oil and Rice bran oil

**IV/IV B.PHARMACY (Regular) DEGREE EXAMINATIONS, April-2018**  
**Eighth Semester**  
**B.PHARMACY**  
**PHARMACOGNOSY-II**

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Time: Three Hours

Maximum marks:70

**SECTION-A****Answer any FOUR Questions****4X10=40M**

1. Write a Pharmacognostic study of Wildcherry bark and ginger.
2. Write a monograph of ipecac and ergot.
3. Give the chemical constituents, pharmacological actions and uses of any five Ayurvedic drugs.
4. Write a definition, classification and distribution of alkaloids with suitable examples.
5. What is volatile oil? Explain the different types of extraction of volatile oils with suitable examples.
6. What is plant tissue culture? Explain the historical development of plant tissue culture.

**SECTION-B****Answer any TEN Questions****10X3=30M**

7. What are the pharmacological uses of tulsi.
8. Explain the method of preparation of peppermint.
9. Write about the general properties of volatile oils.
10. Write a monographs on dill.
11. Write a monographs on rauwolfia.
12. What is callus culture.
13. Write about the method of preparation and pharmacological uses of caraway.
14. Write about the chemical constituents and pharmacological uses of datura.
15. Write about the chemical constituents and Pharmacological uses of Nux-vomica.
16. Write a short notes on Quassia.
17. Write about the nutritional requirements of plant tissue culture.
18. Write the definition and method of preparation of lipids.

No. of Questions : 18]

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**IV/IV B.PHARMACY DEGREE EXAMINATIONS, APRIL, 2016**

**Eighth Semester**

**PHARMACOGNOSY-II**

**Time: Three Hours**

**Maximum marks:80**

**SECTION-A**

**Answer any FOUR questions.**

**4x10=40M**

1. Write a systematic pharmacognostic study of (a) squill and (b) strophanthus
2. Write monograph on (a) Aloes and (b) Nutmeg
3. Give the chemical constituents, pharmacological actions and uses of any EIGHT ayurvedic drugs.
4. a. Write shortnotes on cardiac glycosides  
b. Write in brief about alkaloids having purgative and cathartic actions.
5. Give the microscopic characters, chemical constituents and uses of Gentian
6. a. How do you isolate and extract alkaloids  
b. Explain in detail about the adulteration and its detection in lipids.

**SECTION-B**

**Answer any TEN questions.**

**10x4=40M**

7. What is an alkaloid? Give their identification tests.
8. What are the important constituents and uses of Tulsi?
9. Write the pharmacological actions and uses of Amla and Satavar (Ayurvedic drugs)
10. Write the pharmacognostic study of Clove in brief.
11. Give the sources and uses of cod liver oil and shark liver oil.
12. How do you distinguish an alkaloid from a glycoside? Explain with examples
13. Define lipids. Write monograph on Hydnocarpus oil (or) Castor oil
14. Give the systematic pharmacognostic study of sandal wood
15. Write a monograph on Ergot in brief
16. Write the chemistry of quinoline and isoquinoline alkaloids with examples
17. Define glycoside. Give the classification of glycosides with examples.
18. Write monograph on Cinnamon

## IV/IV B.PHARMACY DEGREE EXAMINATIONS, APRIL, 2016

## Eighth Semester

## PHARMACOGNOSY-II

Time: Three Hours

Maximum marks:80

## SECTION-A

Answer any FOUR questions.

4x10=40M

1. Write a systematic pharmacognostic study of (a) squill and (b) strophanthus
2. Write monograph on (a) Aloes and (b) Nutmeg
3. Give the chemical constituents, pharmacological actions and uses of any EIGHT ayurvedic drugs.
4.
  - a. Write shortnotes on cardiac glycosides
  - b. Write in brief about alkaloids having purgative and cathartic actions.
5. Give the microscopic characters, chemical constituents and uses of Gentian
6.
  - a. How do you isolate and extract alkaloids
  - b. Explain in detail about the adulteration and its detection in lipids.

## SECTION-B

Answer any TEN questions.

10x4=40M

7. What is an alkaloid? Give their identification tests.
8. What are the important constituents and uses of Tulsi?
9. Write the pharmacological actions and uses of Amla and Satavar (Ayurvedic drugs)
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11. Give the sources and uses of cod liver oil and shark liver oil.
12. How do you distinguish an alkaloid from a glycoside? Explain with examples
13. Define lipids. Write monograph on Hydnocarpus oil (or) Castor oil
14. Give the systematic pharmacognostic study of sandal wood
15. Write a monograph on Ergot in brief
16. Write the chemistry of quinoline and isoquinoline alkaloids with examples.
17. Define glycoside. Give the classification of glycosides with examples.
18. Write monograph on Cinnamon