

III/IV B.PHARMACY (Supply) DEGREE EXAMINATIONS, JANUARY-2020**Fifth Semester
B.PHARMACY
PHARMACOGNOSY-I****Time: Three Hours****Maximum marks:70****SECTION-A****Answer any FOUR Questions****4X10=40M**

1. Write about the definition and history of pharmacognosy.
2. What is crude drug? Explain the biological classification of crude drugs.
3. Explain the factors influencing cultivation of medicinal plants with suitable examples.
4. Explain the biogenesis of various isoprenoid compounds.
5. Explain physical evaluation of crude drug with suitable examples.
6. Explain the pharmacognostic study of cotton and tragacanth?

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

7. Write a short note on Polyploidy?
8. Explain the biological source, chemical constituents and uses of isapgol.
9. Explain the biological source, chemical constituents, identification tests and uses of papain.
10. Explain the method of preparation and uses of silk.
11. Explain the microscopic characters of podophyllum.
12. Explain the description and identification tests for benzoin.
13. Explain the drying methods for crude drugs.
14. Write about the principle constituents and uses of arjuna bark.
15. Explain the biological source, identification tests and uses of tolu balsam.

16. Write about the principle constituents and uses of ginger.
17. Write about the biological source, chemical constituents and uses of polyster.
18. Write a short note on yeast.



III/IV B.PHARMACY (Supply) DEGREE EXAMINATIONS, April/May-2018

Fifth Semester

B.PHARMACY

PHARMACOGNOSY-I

Time: Three Hours

Maximum marks:70

SECTION-A

Answer any FOUR Questions

4X10=40M

1. Write about the biogenesis of Shikmic acid path way.
2. What is starch? How to differentiate the different types of starches with suitable examples
3. What is Yeast? Write about the biological source, Manufacturing, Chemical constituents and uses of Yeast.
4. What is Pharmacognosy? Explain the history of Pharmacognosy.
5. Write about the factors influencing cultivation of medicinal plants with suitable examples.
6. Write about the Quality control crude drugs? Explain the biological and physicsl evaluation of crude drugs with suitable examples.

SECTION-B

Answer any TEN Questions

10X3=30M

7. Write about the biological source, chemical constituents and used of honey.
8. What is enzyme? Briefly explain the method of preparation of enzymes.
9. What is pest? Briefly explain the plants infecting fungi and viruses with suitable examples.
10. What is tannin? Explain the properties of tannins.
11. Write about the history of black catechu.
12. Write about the biological source, solubility and chemical constituents of silk.
13. Write a short notes on storax.
14. Write the biological source and method of preparation of wool.
15. Write a short notes on mutation.
16. Write a short notes on collection of crude drugs.
17. Write about the biological source and identification tests for myrrh.
18. Briefly explain the sources of natural drugs.

III/IV B.PHARMACY DEGREE EXAMINATIONS, NOVEMBER-2017
Fifth Semester
B.PHARMACY
PHARMACOGNOSY-I

Time: Three Hours

Maximum marks:70

SECTION-A

Answer any FOUR Questions

4X10=40M

1. Write about the biogenesis of cholesterol.
2. Explain the Pharmacognostic study of tragacanth.
3. What is gelatin? Write about the biological source, method of preparation, chemical constituents, identification tests and uses of gelatin.
4. Write about the scope and development of Pharmacognosy.
5. Write about the classification of crude drugs?
6. Write about the adulteration of crude drugs? Explain the organoleptic and chemical methods of evaluation with suitable examples.

SECTION-B

Answer any TEN Questions

10X3=30M

7. What is carbohydrate. Explain the polysaccharides with suitable examples.
8. What is protein. Classify the proteins with suitable examples.
9. Define the crude drug? And differentiate the organized and unorganized crude drugs.
10. Write a short notes on biofertilizers.
11. What is tannin? Write gold beater's skin test.
12. Write about the chemical constituents and uses of Arjuna
13. Write about the method of preparation and uses of cotton.
14. Write a short notes on Asbestos.
15. Write about the biological source, chemical constituents and uses of poophyllum.
16. Write about the Pharmacognostic study of balsam of tolu.
17. Write about the biological source, chemical constituents and uses of ginger.
18. Write a short notes on hybridization.

Total No. of Questions :18]

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III/IV B.PHARMACY DEGREE EXAMINATIONS, NOVEMBER-2016

(5th Semester)

B.PHARMACY

PHARMACOGNOSY-I

Time: Three Hours

Maximum marks:70

SECTION-A

Answer any FOUR questions. (4 x 10=40 M)

1. Write about the pharmacological and morphological classification of crude drugs with suitable examples.
2. Write about the plant growth regulators with suitable examples.
3. Write about the definition and different types of soils with suitable examples.
4. Write about the sources of natural gases with suitable examples.
5. Write about the scope of pharmacognosy with suitable examples.
6. Write about the microscopical and physical evaluation of crude drugs with suitable examples.

SECTION-B

Answer any TEN questions. (10 x 3=30 M)

7. Write about the microscopical and chemical constituents of Isapgol.
8. Write about the principle constituents and uses of Pectin.
9. Write about the adulterents and uses of Tragacanth and Sterculia.
10. Write about the adulterents and uses of Papain and Black catechu.
11. Write about the chemical constituents and uses of Glass wool and Nylon.
12. Write about the adulterents and substituents of Asafoetida.
13. Write about the microscopical characteristics of Podophyllum.
14. Write a short notes on Storax.
15. Write about the chemical constituents and uses of Tolu balsam.
16. Write about the identification tests, chemical tests and uses of Guggul.
17. Write about the bisynthesis of Ornithine.
18. Write about the bisynthesis of Trophan alkalods.

III/IV B.PHARMACY (Supply) DEGREE EXAMINATIONS, MAY-2016

Fifth Semester

PHARMACOGNOSY-1

Time: Three Hours

Maximum marks:70

SECTION-A

Answer any FOUR questions. (4 x 10=40 M)

1. Enlist various sources of crude drugs. Differentiate drugs obtained from wild and cultivated resources. Add a note on crude drugs from mineral origin.
2. Classify soils with examples. Explain the role of fertilizers in the soil enrichment.
3. Write in detail on microscopic methods used for quality assessment of crude drugs.
4. Write in detail on the pharmacognostic characters, chemistry, adulterants and uses of
a. Honey b. Papain
5. Enumerate various fibers used in pharmacy. Write in detail on silk and nylon.
6. Give an account on acetate-mevalonate pathway.

SECTION-B

Answer any TEN questions. (10 x 3=30 M)

7. Write in brief on chemotaxonomy.
8. What is the scope of pharmacognosy in modern health care system?
9. Write in brief on environment-friendly pest control methods.
10. Write short notes on significance of hybridization and strain improvement in medicinal plants.
11. Differentiate adulterants and substituents.
12. Discuss the methods used for detection of adulterants in volatile oils.
13. Write in brief on guar gum.
14. What are tannins? Give examples. Discuss the chemical tests used for identification of tannins.
15. With a neat sketch explain the microscopy of ginger.
16. Write short notes on chemistry and uses of benzoin.
17. What is a secondary metabolite? Give example. Explain the factors influencing production of plant secondary metabolites.
18. Outline the biosynthesis of monoterpenes.



III/IV B.PHARMACY (Supply) DEGREE EXAMINATIONS, APRIL/MAY-2019**5th Semester****B.PHARMACY
PHARMACOGNOSY-I****Time: Three Hours****Maximum marks:70****SECTION-A****Answer any FOUR Questions****4X10=40M**

1. Write the history of pharmacognosy.
2. Write the applications of plant hormones with suitable examples.
3. Write about the morphological and chemical classification of crude drugs.
4. Give an account of biosynthetic path ways for the formation of important alkaloids.
5. Discuss the collection and processing of crude drugs with suitable examples.
6. Discuss the chemical evaluation of crude drugs with suitable examples.

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

7. Write about the different types of soils.
8. Discuss the polyploidy with suitable examples.
9. Write about the different types of adulteration with suitable examples.
10. Write the definition and common uses of fibres with suitable examples.
11. Write about the definition, chemical constituents, identification tests and uses of Tannins.
12. Write about the pharmacognostee study of yeast.
13. Write about the microscopical characters of is a bgol and discuss the pharmaceutical importance.
14. Write about the chemical constituents, identification tests and uses of glass-wool and polyster.

15. Discuss the microscopical characters, chemical constituents and uses of podophyllum.
16. Write about the Agricultural method of pest and pest control with examples.
17. Write about the role of Auxins in plant growth regulators.
18. Write about the definition, classification of Resin and Resin combinations with suitable examples.



III/IV B.PHARMACY (Regular) DEGREE EXAMINATIONS, NOV-2018**5th Semester****B.PHARMACY****PHARMACOGNOSY-I****Time: Three Hours****Maximum marks:70****SECTION-A****Answer any FOUR Questions****4X10=40M**

- ✓1. What are unorganised drugs? Explain the modifications of stem with suitable examples?
- ✓2. Explain the storage of crude drugs with suitable examples.
- ✓3. Explain the applications of plant hormones with suitable examples.
4. What is resin? Explain the types of resins with suitable examples.
5. Write about the shikimic acid pathway.
- ✓6. Explain the microscopic evaluation of crude drugs with suitable examples.

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

- ✓7. Write a short note on Mutation.
- ✓8. Explain the microscopic characteristics of potato starch.
- ✓9. Explain the method of preparation of gelatin
- ✓10. Write about the biological source, chemical tests and uses of wool.
- ✓11. Write short note on seed propagation.
12. Write about the identification tests and uses of myrrh.
- ✓13. Explain the chemical constituents and adulterants of black catechu.
- ✓14. Write short note on hybridisation.
15. Write short note on sterculia.
16. Write short note on garbling
- ✓17. What are biofertilizers with suitable examples.
18. Write about the chemical constituents, identification tests for guggel.

