

Pharmacognosy & Phytochemistry-II

B.Pharm. Second Internal Examination 2020-21

Date: 18/08/2020

Semester: 5th

Subject :Pharmacognosy & Phytochemistry-II (BP504T)

Instructions:

1. All questions are compulsory.

2. Each question carry 1 mark.

* Required

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1. Enrollment No. *

2. 1. Curcumin is present in *

1 point

Mark only one oval.

Curcuma longa

Vinca rosea

Cinchona calisaya

Curcuma vasica

3. 2. Detecting agent for atropine is *

1 point

Mark only one oval.

- Vanillin-HCL
- Dragongroff's reagent
- Methanol-Toluene
- None of above

4. 3. Citral is *

1 point

Mark only one oval.

- Monoterpene alcoho
- Monoterpene aldehyde
- Diterpene aldehyde
- Diterpene alcohol

5. 4. Menthol present in mentha belongs to family..... *

1 point

Mark only one oval.

- Apocynaceae
- Labiatae
- Berberidaceae
- Rubiaceae

6. 5. Murexide test is positive for *

1 point

Mark only one oval.

- Atropine
- Mentha
- curcumin
- Caffeine

7. 6. Chloroform: acetone :diethyl amine(50:40:10) is used as mobile phase for *

1 point

Mark only one oval. —

- Artemisin
 Curcumin
 Reserpine
 Atropine

8. 7. Cymbopogon fleuosus contains *

1 point

Mark only one oval.

- Atropine
 Rutin
 Citral
 Podophyllotoxin

9. 8. Atropine is used as *

1 point

Mark only one oval.

- An anti diabetic agent
- Hypoglycemic agent
- An Anti stress agent
- Mydriatic

10. 9. Artemisin present in *

1 point

Mark only one oval.

- Artemisia annua
- Curcuma longa
- Aloe officinalis
- All of above

11. 10. Rf value of curcumin is *

1 point

Mark only one oval.

- 0.89
- 0.79
- 0.69
- 0.77

12. 11. Atropine givestest positive. *

1 point

Mark only one oval.

- Vitali-Morin test
- Murexide test
- Molisch's test
- Fehling's test

13. 12. Purification of the isolated product is done by *

1 point

Mark only one oval.

- Crystallization
- Extraction
- Recrystallization
- All of above

14. 13. 2,4,dinitrophenyl hydrazine reagent withgives.....color spots. *

1 point

Mark only one oval.

- Menthol,Red
- Citral, Yellow
- Atropine, Blue
- Rutin, yellow

15. 14. Thea sinensis contains *

1 point

Mark only one oval.

- Caffeine
- Glycerhethinic acid
- Menthol
- Anethol

16. 15. Quinine present in plants belongs to family *

1 point

Mark only one oval.

- Rubiaceae
- Solanaceae
- Liliaceae
- Apocynaceae

17. 16. Glycyrrhetic acid is *

1 point

Mark only one oval.

- Volatile oil
- Steroids
- Triterpenoid
- Alkaloids

18. 17. Mobile phase used in detection of quinine is *

1 point

Mark only one oval.

- Chloroform – Toluene (9:1)
- Diethylether-Chloroform (1:9)
- Chloroform – Diethylamine (9:1)
- Toluene-Ethyl acetate(2:8)

19. Liebermann test is positive for *

1 point

Mark only one oval.

- Quinine
- Atropine
- Cinchonine
- Glycyrrhetic acid

20. Vitamin P is *

1 point

Mark only one oval.

- Rutin
- Quinine
- Niacine
- Curcumin

21. 20. Rutin is having *

1 point

Mark only one oval.

- Red color
- Yellow color
- Greenish yellow
- Blue color

22. 21.with 50% Sulphuric acid gives..... *

1 point

Mark only one oval.

- Atropine,Red
- Podophyllotoxin,Violet-blue
- Rutin,Orange -yellow
- Quinine,Yellow-red

23. 22. Rubiaceae plants contains *

1 point

Mark only one oval.

- Rutin
- Atropine
- Quinine
- Artemisin

24. 23. Toluene-Ethyl acetate-Glacial acetic acid (12.5:7.5:0.5) is used for TLC of *

1 point

Mark only one oval.

- Curcumin
- Menthol
- Citral
- Glycyrrhetic acid

25. 24. Rf value of Quercetin-3- rutinoside is *

1 point

Mark only one oval.

- 0.43 —
- 0.59
- 0.88
- 0.53

26. 25. Podophylotoxin containing plant belongs family *

1 point

Mark only one oval.

- Apocynaceae
- Rubiaceae
- Berberidaceae
- Valanaceae —

27. Shinoda test is used to detect *

1 point

Mark only one oval.

- Atropine
- Rutin
- Quinine
- Artemisin

28. Chloroform : Methanol (90:10) is used for *

1 point

Mark only one oval.

- Podophyllotoxin
- Atropine
- Menthol
- Curcumin

29. 28. Quinine is used as an *

1 point

Mark only one oval.

- Antihypertensive agent
- Antimalarial agent
- Hypoglycemic agent
- None of above

30. 29. Datura stramonium contains *

1 point

Mark only one oval.

- Rutin
- Podophyllotoxin
- Atropine
- All of above

31. 30. Source of rutin is *

1 point

Mark only one oval.

- Nicotiana tobaccum
- Fagophyrum esculentum
- Thea sinensis
- All of above

32. 31. Recrystallization of podophyllotoxin is done with *

1 point

Mark only one oval.

- Methanol
- Benzene
- Chloroform
- Toluene

33. 10 % aqueous sodium chloride solution is used for *

1 point

Mark only one oval.

- Rutin
- Atropine
- Menthol
- Curcumin

34. Sweet warrnwood belongs to family *

1 point

Mark only one oval.

- Liliaceae
- Apocynaceae
- Asteraceae
- Solanaceae

35. 34. For recrystallization of mentholis used. *

1 point

Mark only one oval.

- Methanol
- Ethyl acetate
- High boiling point solvent
- Low boiling point solvent

36. 35. Extraction of phytoconstituent is done using *

1 point

Mark only one oval.

- Kelle's apparatus
- Soxhlet apparatus
- Glass extraction apparatus
- Steel apparatus

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