1. Medicine which is used in treatment of epilepsy, insomnia, madness and high blood pressure is obtained from
(1) Rauwolfia (2) Papaver
(3) Cinchona (4) Curcuma

2. Charlse plumiger suggested the name Rauwolfia after the name of a
(1) City in Germany (2) German botanist
(3) Lady (4) Snake

3. Cinchona belongs to family
(1) Rubiaceae (2) Apocyanaceae
(3) Umbelliferae (4) Zingiberaceae

4. Turmeric is used to relieve
(1) Bronchial spasms & cough
(2) Burns
(3) Edema after injury
(4) All the above

5. Which of the following drug affects mind
(1) Atropine (2) Qunidine
(3) Serpentine (4) di-hyoscymine

6. Reserpine, morphine, quinine are obtained from
(1) Stem, root, leaf
(2) root, capsule, Bark
(3) Bark, root, capsule
(4) Root, root, bark

7. Which medicine is useful in flactulent colic pain and indigestion
(1) Haldi (2) Heeng
(3) Morphine (4) Quinine

8. Father of medicine
(1) Discorides (2) Hippocrates
(3) Sydenham (4) La-condamine

9. Ferula asafoetida belongs to family
(1) Apocyanaceae (2) Rubiaceae
(3) Zingiberaceae (4) Apiaceae

10. Restlessness (anxeity) and insomnia is curd by the drug obtained from
(1) Papaver (2) Rauwolfia
(3) Ferula (4) Cinchona

11. Quninine was first discovered in
(1) USA and JAPAN (2) England
(3) Asia (4) Peru

12. Reserpine is used for
(1) malaria
(2) High blood pressure
(3) Asthma (4) Dysentry

13. Rauwolfia serpentine belongs to family
(1) Papaveraceae
(2) Apocyanaceae
(3) Solanaceae
(4) Zingiberaceae

14. Reserpine is obtained from
(1) Stem (2) Root
(3) Rhizome (4) Stolon

15. Formula of Quinine is
(1) $C_{20}H_{24}O_2N_2$ (2) $C_{33}H_{40}N_2O_9$
(3) $C_{23}H_{20}O_2N_2$ (4) $C_{24}H_{20}O_2N_2$

16. Formula of Reserpine is
(1) $C_{20}H_{24}O_2N_2$ (2) $C_{33}H_{40}N_2O_9$
(3) $C_{30}H_{44}O_2N_9$ (4) None of the above

17. What is nature of Heeng ? It is a
(1) Alkaloid (2) Gum-Resin
(3) Glucoside (4) Glycoside

18. Which plant part is responsible for the production of opium
(1) Stem (2) Root
(3) Leaf (4) Fruit

19. The first isolation of the very important alkaloid Reserpine was done by
(1) Mullers & schlittler
(2) Ander son
(3) La-condamine
(4) Siddiqui & siddiqui

20. Bark of which plant is called Jesuits bark or peruvian bark
(1) Rauwolfia (2) Cinchona
(3) Ferula (4) Papaver

21. Maximum alkaloid obtained from
(1) Rauwolfia (2) Cinchona
(3) Ferula (4) Curcuma

22. Which of the following opium alkaloid acts as a smooth muscle relaxant
(1) Papaverine (2) Noscapine
(3) Narcine (4) Any or all

23. What is the pharmalogical significance of turmeric
(1) Carminative & stimulant
(2) Tonic & Blood purifier
(3) Antioxidant & Anti parasitic for skin infection
(4) All the above

24. Which alkaloid is powerful constipating agent
(1) Serpentine (2) Quinine
(3) Morphine (4) Curcumine

25. What is Heroin
(1) Di acetyl morphine
(2) Di chloro morphine
(3) Di bromo acetyl morphine
(4) Di acetic morphine

26. Thebaine is obtained from
(1) Rauwolfia (2) Cinchone
(3) Ferula (4) Papaver

27. The crop grown under government control is of
(1) Ferula (2) Curcuma
(3) Papaver (4) Rauwolfia

28. Asafoetida is present in schizogenous duct of
(1) Root (2) Stem
(3) Fruits (4) Leaves

29. Which of the following is an active constituent of asafoetida
(1) Oleogum resin
(2) Organic disulphide
(3) Pinene, umbelliferene and Ferulic acid
(4) All the above

30. Ferula asafoetida belongs to
(1) Rubiaceae (2) Zingiberaceae
(3) Umbelliferae (4) Zingiberaceae

31. Which of the following can be used as an expectorant ? and component of cough syrup
(1) Nicotine (2) Morphine
(3) Codeine (4) Reserpine

32. Which of the following is help in digestion and flactulant colic pain, relieves constipation & intestinal spasms
(1) Codeine (2) Turmeric
(3) Asafoetida (4) Sarpandha

33. Which of the following is effective against severe chest pain & the pain of bone fractures
(1) Asafoetida (2) Reserpine
(3) Morphine (4) Codeine

34. Which is incorrect match
(1) Asafoetida – Ferulic acid
(2) Cinchona - Quinine
(3) Turmeric – Organic di sulfide
(4) Rauwolfia - Ajmaline

35. Which drug inhibit heart beat
(1) Quinine (2) Ajmaline
(3) Quinidine (4) Reserpine

36. Which of the following is monocot
(1) Rauwolfia (2) Turmaric
(3) Cinchona (4) Papaver

37. Which of the following drug increase blood circulation in brain
(1) Ajmaline (2) Cinchonine
(3) Reserpine (4) Pinine

38. From which part of the plant Ferula asafoetida medicine is obtained :-
(1) Bark (2) Stem
(3) Fruit (4) Root

39. Which medicine is used for slow down high blood pressure :-
(1) Morphine (2) Reserpine
(3) Zingiberine (4) Quinidine

40. By which medicine possibility of abortion can be prevented :-
(1) Pinine (2) Quinine
(3) Reserpine (4) Morphine

41. Which medicine is effective for the treatment of wooping cough and jaundice :-
(1) Cinchona (2) Ferula
(3) Papaver (4) Rauwolfia

42. Which type of ovule is found in papaver :-
(1) Hemitropous
(2) Compylotropous
(3) Amphitropous
(4) Circinotropous

43. From which part of the plant Ferula is obtained
(1) Bark (2) Root
(3) Stem (4) Fruits

44. The medicine which is useful for diarrhea & piles :-
(1) Quinine (2) Codeine
(3) Morphine (4) Reserpine

45. The medicine which is useful for the prevention of extra bleeding after the birth of the child :-
(1) Morphine (2)Reserpine
(3) Quinine (4) Serpentine

46. Rauwolfia name is given by :-
(1) Linnaeus (2) Pluminger
(3) Andersen (4) Jussy

47. Cinchona bark has which of the following alkaloids
(1) Quinine (2) inchonine
(3) Cinchonidine (4) All of the above

48. Asafoetida is a / an :-
(1) Resin (2) Gum
(3) Olio gum resin (4) None of the above

QUESTIONS ASKED IN PREVIOUS MEDICAL EXAMS

49. Which one of the following is correct match :
(1) Reserpine – Tranquilliser **[AIPMT 2001]**
(2) Cocaine – Opiatic narcotic
(3) Morphine – Hallucinogenic
(4) Bhang – Analgesic

50. L.S.D. is :- **[AIPMT 2001]**
(1) Hallucinogenic (2) Sedative
(3) Stimulant (4) Tranquilliser

51. Rauwolfine medicine is obtained from which part of the plant : **[RPMT 2000]**
(1) Stem (2) Root
(3) Fruit (4) Leaf

52. Ferula asafoetida is the source of:[RPMT 2000]
(1) Haldi (2) Heena
(3) Heroin (4) Opium

53. The drug **Rauwolfia serpentine** can be used for the treatment of :- **[RPMT 2001]**
(1) Diabetes (2) Blood pressure
(3) Sleeping sickness (4) Paralysis

54. Reserpine is obtained from :- **[RPMT 2002]**
(1) Asafoetida
(2) Rauwolfia serpentina
(3) Curcuma longa
(4) Papaver somniferum

55. Which plant part of **Papaver somniferum** yields opium :- **[RPMT 2003]**
(1) Seedlings
(2) Dried leaves
(3) Unripe fruits
(4) Ripe fruite

56. Asafoetida is obtained from :- **[RPMT 2003]**
(1) Exudation from stem
(2) Extraction from fruit
(3) Exudation from root.
(4) Extraction from leaves

57. Heroin is :- **[RPMT 2004]**
(1) Monoacetyl morphine
(2) Diacetyl morphine
(3) Triacetly morphine
(4) Tetraacetly morphine

58. Totoquine contains alkaloids :- **[RPMT 2004]**
(1) Quinine, Quinidine
(2) Quinine, Cinchonine
(3) Quinine, Cinchonine, Cinchonidine
(4) Quinine, Quinidine, Cinchonine, Cinchonidin

59. Reserpine is obtained from the root of -
(1) **Rauwolfia**
(2) Opium **[RPMT 2005]**
(3) **Ferula asafetida**
(4) **Curcuma longa**

60. Central Drug Research iInstitue located at- **[RPMT 2005]**
(1) Lucknow (2) Madras
(3) Mysore (4) Cuttack

61. Which of the following is 'Brown Sugar' -
(1) Marijuana **[RPMT 2005]**
(2) Cocaine (3) Hashish
(4) Diacetyl morphine hydrochloride

62. Quinine is obtained from the bark of – **[RPMT 2005]**
(1) **Cinchona** (2) **Haevea**
(3) Opium (4) **Ferula**

63. Morphine is obtained from the fruit of – **[RPMT 2005]**
(1) **Datura stramonium**
(2) **Papaver somniferum**
(3) **Rauwolfia serpentine**
(4) **Atropa belladona**

64. Reserpine alkalodi is obtained from :- **[RPMT 2006]**

(1) Cinchona officinalis
(2) Podophyllum amoidae
(3) Rauwolfia serpentine
(4) Withania somniferum

65. Turmeric powder is obtained from :- **[RPMT 2006]**

(1) Curcuma longa
(2) Curcuma amada
(3) Zingiber officinale
(4) Cinchona officinale

66. Choose the correct pair :- **[RPMT 2006]**

(A) Cinchona officinalis (i) Rhizome
(B) Rauwolfia serpentine (ii) Bark
(C) Curcuma longa (iii) Root

A	B	C	
(1)	(ii)	(iii)	(i)
(2)	(i)	(ii)	(iii)
(3)	(ii)	(i)	(iii)
(4)	(iii)	(ii)	(i)

67. Quinine medicine is obtained from : **[RPMT 2006]**

(1) Cinchona stem bark
(2) Cinchona root bark
(3) Rauwolfia
(4) Rauwolfia root bark

68. Main alkaloid of Papaver somniferum is :- **[RPMT 2007]**

(1) Papaverine (2) Morphine
(3) Codine (4) Caffine

69. By which part of Cinchona plant, quinine is obtained :- **[RPMT 2007]**

(1) Root (2) Stem
(3) Leaf (4) Bark

70. Reserpine which is used in high blood pressure and mental disease, is obtained from :- **[RPMT 2007]**

(1) Atropa belladona
(2)Rauwolfia serpentine
(3) Curcumine
(4) Papaver

MEDICINAL PLANTS — ANSWER KEY

Q.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A.	**1**	**2**	**1**	**4**	**3**	**2**	**2**	**2**	**4**	**1**	**4**	**2**	**2**	**2**	**1**
Q.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
A.	**2**	**2**	**4**	**1**	**2**	**1**	**4**	**4**	**3**	**1**	**4**	**3**	**1**	**4**	**3**
Q.	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**
A.	**3**	**3**	**3**	**3**	**3**	**2**	**1**	**4**	**2**	**4**	**2**	**3**	**2**	**3**	**2**
Q.	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**
A.	**2**	**4**	**3**	**1**	**1**	**2**	**2**	**2**	**2**	**3**	**3**	**2**	**4**	**1**	**1**
Q.	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**					
A.	**4**	**1**	**2**	**3**	**1**	**1**	**1**	**2**	**4**	**2**					