

Typical examination tests – Pharmacognosy 2

1. Which substance molecular structure is given on the picture?

- 1) Tropane
- 2) Indole
- 3) Purine
- 4) Isoquinoline

2. Which plant is used for treatment of nervous anxiety and insomnia?

- 1) Cinchona
- 2) Snowdrop
- 3) Passionflower
- 4) Periwinkle

3. Which plant contain Vinblastin, Vincristine, Vindesine?

- 1) Catharanthus roseus
- 2) Glaucium flavum
- 3) Papaver somniferum
- 4) Galanthus woronowii

4. Which alkaloid has been approved for use in the management of Alzheimer's disease?

- 1) Glauicine
- 2) Brucine
- 3) Galanthamine
- 4) Ephedrine

5. Which substance molecular structure is given on the picture?

- 1) Simple coumarins and glycosides
- 2) Furanocoumarins
- 3) Flavonoids
- 4) Benzocoumarins

6. Which is qualitative tests on Flavonoids?

- 1) Vitali-Morin test
- 2) Keler-kiliani test
- 3) Shinoda test
- 4) Iodine test

7. Which substances are water-soluble vacuolar pigments that may appear red, purple, or blue depending on the pH?

- 1) Coumarins
- 2) Tannins
- 3) Alkaloids
- 4) Anthocyanidins

8. Which plant contains pseudoephedrine, N-methylephedrine, efedroksan?

- 1) Celandine
- 2) Tornapple
- 3) Joint-pine
- 4) Periwinkle

9. Which plant contain beta-carboline harmala alkaloids?

- 1) Periwinkle
- 2) Cinchona
- 3) Snowdrop
- 4) Passionflower

10. Which substance is sympathetic nerve stimulant resembling adrenaline?

- 1) Ephedrine
- 2) Colchicine
- 3) Scopolamine
- 4) Umbeliferone

11. What is the Latin name of Yellow hornpoppy?

- 1) *Glaucium flavum*
- 2) *Chelidonium majus*
- 3) *Vinca minor*
- 4) *Rauwolfia serpentina*

12. Which is specific test of tropane alkaloids?

- 1) Iodine test
- 2) Molish test
- 3) Vitali-Morin test
- 4) Keler-kiliani test