

## Medicinal and Aromatic Plants – Question bank

- Match to the suitable term

1. The standard ratio used for dry herb extraction, also known as a tincture or solution, is

- a. 1 part dried herb to 18 parts liquid.                      b. 1 part dried herb to 8 parts liquid.  
c. 8 parts dried herb to 1 part liquid.                      d. 0.1 part of dried herb to 8 parts liquid

3. Dry the plant material as quickly as possible, away from bright sunlight, to

- a. to improve the quality and remove volatile oil      b. preserve the ingredients and prevent oxidation.  
c. to increase the quantity and weight                      d. to decrease the quantity and weight

4. ----- when the plants are more vigorously storing food in their underground organs is the best time is to be collected.

- a. flowers and buds              b. roots and rhizomes              c. bark materials                      d. stems and leaves

5. to collect ----- it is advisable to harvest the plant at the time when the flowers are all in bloom.

- a. fruits and seeds              b. leaves                      c. whole plant                      d. roots and rhizomes

6. The natural drying period ranging between -----

- a. (1-3) days              b. (5-6) days              c. (1-3) weeks                      d. (5-6) weeks

7. The solvents used for extraction purposes is known as-----

- a. marc              b. menstruum              c. alcohol                      d. water

8. the residue left after extracting the desired constituents is known as -----

- a. marc              b. menstruum              c. alcohol                      d. water

9. ----- Soluble constituents are tannins. Non inflammable and viscous liquid.

- a. light petroleum              b. chloroform              c. glycerin                      d. ether

10. ----- is the process whereby a substance is extracted from a mixture. It is a type of fractional crystallization.

- a. alcohol extraction                      b. alcohol solvent                      c. cold water extraction  
d. drying

11. ----- made by fermenting the sugar and starch components of plant materials by using yeast.

- a. volatile oil                      b. fermentation                      c. pharmaceutical products                      d.  
bioethanol

12. Ethanol extracts from dry materials are called-----, while ethanol washes for purifying oils and concretes are called -----

- a. absolutes and tinctures                      b. tinctures and marc                      c. tinctures and absolutes  
d. absolutes and alcohol

- Answer the following:

1. what are the reasons or benefits behind shade drying? Mention the feature of quick drying? And enumerate the changes associated with the drying process.

2. There are several reasons for why drying of the medicinal plants is needed. mention them.

3. write the scientific and the family name of the following

Chia seeds

Black seeds

Cumin

Mint