

Questions and Answers

1. The Rose family contains approximately:

- A. 100 genera and 3000 species
- B. 200 genera and 4000 species
- C. 60 genera and 15000 species
- D. 175 genera and 2500 genera

Explanation

The Rose family is a large plant family that contains approximately 100 genera and 3000 species. This means that within the Rose family, there are around 100 different groups or categories of plants, and within those groups, there are a total of 3000 different species or types of plants. This indicates the diversity and variety that can be found within the Rose family, making it a significant and extensive plant family.

Rate this question:

2. The key use for *Cragaegus laviegata* is:

- A. As an anti-inflammatory & alterative herb particularly for use in gout
- B. As a gallbladder stimulant
- C. As a cardiac tonic/trophorestorative
- D. As a male tonic, used to increase virility

Explanation

Cragaegus laviegata is used as a cardiac tonic/trophorestorative. This means that it is used to support and strengthen the heart and cardiovascular system. It may help to improve heart function, regulate blood pressure, and promote overall cardiovascular health.

Rate this question:

3. Which of the following trees is a member of the Rosaceae family?

- A. Walnut
- B. Almond
- C. Oak
- D. Horse-chestnut

Explanation

Almond is a member of the Rosaceae family because it belongs to the genus *Prunus*, which is part of the Rosaceae family. The Rosaceae family includes many fruit-bearing trees and shrubs, such as apples, pears, and cherries. Almond trees produce nuts that are commonly consumed and are also considered a part of the Rosaceae family due to their botanical classification.

Rate this question:

4. The leaves of members of the Rosaceae family are usually:

A. Opposite B. Alternate with stipules C. Alternate without stipules D. Decussate

Explanation

The leaves of members of the Rosaceae family are usually alternate with stipules. This means that the leaves are arranged in a staggered pattern along the stem, with each leaf emerging from a different point on the stem. Stipules are small, leaf-like structures that are often found at the base of the leaf stalk. This arrangement is common in many plants and allows for efficient use of space and sunlight.

Rate this question:

5. Which of the following contains the description of flowers which is most often true for members of the Rosaceae family?

A. Either a single flower, or a racemose inflorescence, sometimes with a large number of flowers.

B. Each "disk flower" has 5 tiny petals fused together, plus 5 stamens fused around a pistil with antennae-like stigmas

C. The nodding flowers have 5 sepals and 5 petals, with the lower petal being larger than the side and top petal pairs. The 5 stamens alternate with the petals

D. Usually either a large flower with 5 petals or clusters of tiny flowers with five petals

Explanation

Members of the Rosaceae family usually have either a large flower with 5 petals or clusters of tiny flowers with five petals. This means that the flowers in this family can vary in size, with some having a single large flower and others having multiple small flowers. In both cases, the flowers have five petals, which is a common characteristic of the Rosaceae family.

Rate this question:

Members of the Rosaceae family can contain vitamins?

A. True B. False

Explanation

Many members of the Rosaceae family contain vitamins, particularly C, B, K and E.

Rate this question:

7. Coumarin is a glycoside found in some members of the Rosaceae family. Can you select from the selection below an action associated with Coumarins?

A. Analgaesic B. Phyto-estrogenic C. Hepatoprotective D. Anti-microbial

Explanation

Coumarins have been found to possess antimicrobial properties, meaning they have the ability to inhibit the growth or kill microorganisms such as bacteria, fungi, and viruses. This makes them useful in the treatment and prevention of microbial infections.

Rate this question:.

Tannins are a common constituent of many member of the Rosaceae family. Can you select any comments that you feel are true in relation to this: Please tick ALL that apply.

A. Tannins give rise to an astringent feeling in the mouth

B. Tannins form a stable foam if shaken in water

C. Having a slowing effect on the heart

D. Can reduce bleeding from small wounds

E. Increase photosensitivity

F. Have an irritant laxative quality

G. Protect inflamed mucous membranes

D. Can reduce bleeding from small wounds

G. Protect inflamed mucous membranes

Explanation

Tannins give rise to an astringent feeling in the mouth because they have a drying and puckering effect on the tissues. They can reduce bleeding from small wounds due to their ability to constrict blood vessels and promote clotting. Tannins also have the ability to protect inflamed mucous membranes by forming a protective barrier and reducing inflammation.

Rate this question:

9. Which of the following actions are applicable to Agrimonia eupatoria (Agrimony). Please tick ALL that apply

A. Astringent B. Narcotic C. Nervine D. Anti-inflammatory E. Emmenagogue

F. Demulcent G. Anti-parasitic

Explanation

Agrimonia eupatoria (Agrimony) is a herb that possesses medicinal properties. It is known for its astringent properties, which means it can constrict or tighten tissues and reduce inflammation. It also has anti-inflammatory properties, helping to reduce inflammation in the body. Additionally, it has emmenagogue properties, which means it can stimulate or regulate menstrual flow. Therefore, the applicable actions for *Agrimonia eupatoria* are astringent, anti-inflammatory, and emmenagogue.

Quyidagi jadvalni to'ldiring.

Belgilar	Na`matak	Olma	Qulupnay
Hayotiy shakli			
Ildizi			
Poya shakli			
Gullari			
To`pgul			
Mevasi			
Barglari			
Ahamiyati			
Tibbiyotda qo`llanilishi			

Quyidagi savollarga javob bering.

1. Ra`nodoshlarga mansub o`simliklar qanday belgilarga ega?
2. Ra`nodoshlar qaysi kenja oilalarga bo`linadi, tobulg`i qanday belgili?
3. Atirguldoshlar kenja oilasi o`simliklarni na`matak misolida gapirib bering?
4. Olmadoshlar, olxoridoshlar kenja oilalari qanday tuzilgan?
5. Qizil kitobga kiritilgan oila vakillarini aytib bering.
6. O`rikning tuzilishidagi o`ziga xosliklarni ayting.
7. Na`matak o`simligini morfologik tahlil qiling.
8. Na`matakning tibbiyotdagi ahamiyati.
9. Olmaning o`ziga xos xususiyatlari.
10. Olxo`ri gulining tuzilishidagi oila uchun xos xususiyatlarni sanab bering.