

QB365 Question Bank Software Study Materials

Botany - Economically Useful Plants and Entrepreneurial Botany Important 2 Marks Questions With Answers (Book Back and Creative)

12th Standard

Biology

Total Marks : 40

2 Marks

20 x 2 = 40

1) Write the cosmetic uses of Aloe.

Answer : 1. Aloin - a mixture of glucosides.

2. Its gel used as skin tonic.

3. Cooling effect and moisturizing effect helps in creams, lotions, shampoos, shaving creams, after shave lotions preparation.

4. Used as emollient, antibacterial, antioxidant, antifungal and antiseptic.

2) What is pseudo cereal? Give an example.

Answer : 1. It is used to describe foods that are prepared and eaten as a whole grain.

2. Ex. Quinoa. (Seeds from the *Chenopodium quinoa*) belong to the family Amaranthaceae.

3. Has carbohydrate protein have been eaten for 6000 years in Andes high region.

3) Name the humors that are responsible for the health of human beings.

Answer : Vata, Pitta and Kapha.

4) Give definitions for organic farming?

Answer : Organic farming is an alternative agricultural system in which plants/crops are cultivated in natural ways by using biological inputs to maintain soil fertility and ecological balance thereby minimizing pollution and wastage.

5) Differentiate bio-medicines and botanical medicines.

Answer : Botanical medicines: Medicinal plants which are marketed as powders or in other modified forms.

Bio medicines: Derived from the bio molecules of all organisms include micro organisms.

6) Give an account on the role of *Jasminum* in perfuming

Answer : 1. Used for worship, ceremonial purposes, incense and fumigants, making perfumed hair oils, cosmetics and soaps.

2. Used for soothing, relaxing antidepressant qualities.

7) Name any four millet varieties.

Answer : Finger millet, Sorghum, Foxtail millet and Kodo millet.

8) Write the health benefits of Kodo millet.

Answer : Kodo millet is a good diuretic and cures constipation. Helps to reduce obesity, blood sugar and blood pressure.

9) Point out the uses of sugarcane.

Answer : Sugar cane is the raw material for extracting white sugar. Sugarcane supports large number of industries like sugar mills producing refined sugars, distilleries producing liquor grade ethanol and millions of jaggery manufacturing units. Fresh sugarcane juice is a refreshing drink. Molasses is the raw material for the production of ethyl alcohol.

10) What is toddy?

Answer : Inflorescence of palmyra is tapped for its sap which is used as health drink. Sap is processed to get palm jaggery or fermented to give toddy.

11) How coffee plants are introduced to India

Answer : *Coffea arabica* is the prime source of commercial coffee which is native to the tropical Ethiopia. An Indian Muslim

----- - Cereca arabica is the prime source of commercial coffee which is native to the tropical Ethiopia. An Indian Muslim saint, Baba Budan introduced coffee from Yemen to Mysore.

12) Compare Spices and Condiments.

Answer : Spices are accessory foods mainly used for flavouring during food preparation to improve their palatability. Spices are aromatic plant products and are characterized by sweet or bitter taste. Spices are added in minimal quantities during the cooking process. For example black pepper. Condiments, on the other hand, are flavouring substances having a sharp taste and are usually added to food after cooking. For example, curry leaves.

13) Mention any two Jute species.

Answer : (a) Corchorus capsularis
(b) Corchorus olitorius

14) What are the benefits on drinking coffee? (or) write the use of coffee.

Answer : Caffeine present in the coffee enhances acetylcholine in brain - lower the incidence of fatty liver diseases, cirrhosis and cancer reduce the risk of type 2 diabetes.

15) Who are the Persons documented the core knowledge of Ayurveda system of medicine?

Answer : Charaka, Sushruta and Vagbhata.

16) Write the uses of Eleusine coracana.

Answer : (i) Staple food in south hilly regions of India.
(ii) Grains made in to porridge and gruel.
(iii) Ragi malt - popular nutrient drink and used as fermented beverages.

17) What is toddy?

Answer : Sap of Borasus flabellifer is fermented to give toddy.

18) Write the medicinal uses of Holy Basil.

Answer : (i) The leaves are stimulant, antiseptic, anti-hypertensive and antibacterial and expectorant used in bronchitis.
(ii) Decoction of roots is given as a diaphoretic in malarial fever.

19) What is terrarium?

Answer : A terrarium is a collection of small plants growing in a transparent, sealed container. Terrariums are easy to make, low-maintenance gardens, and they can survive indefinitely with minimal water.

20) What is NMPB?

Answer : **National Medicinal Plants Board (NMPB)** - The government of India has set up National Medicinal Plants Board (NMPB) on 24th November 2000. Currently, this board is working under the AYUSH Government of India. Developing an apt mechanism for coordination of various ministries and implementation of policies for the overall growth of the medicinal plant sector both at the central/ state and international level is the primary mandate of NMPB. It focuses on in-situ and ex-situ conservation and enhancing local medicinal plants and aromatic species of medicinal significance to meet the growing demand.