

6th Science Lesson 17 Questions in English**17] Plants In Daily Life**

1. Name the study of relationship between people and plants and use of plants?

- a) Botany
- b) Agronomy
- c) Bryology
- d) Economic botany**

Explanation

Economic botany is the study of relationships between people and plants and the use of plants in economy. It deals with all pervading plants in relation to human welfare as food, clothing, shelter and medicine.

2. What are the indirect usages of plants for mankind?

- a) Livestock's
- b) Environment
- c) a and b**
- d) None of the above

Explanation

The Benefits of indirect usage includes in Domestic, Commercial, Environmental or aesthetic. This indirect usage includes the needs of Man's Livestock and the maintenance of the environment.

3. Largest part of a Nation's economy depends on,

- a) Automobiles
- b) Agriculture**
- c) Industries
- d) Travel and Tourism

Explanation

Plants bring about economy to the country in large extent and it is a fact that the wealth of any country largely depends upon its agriculture and plant products.

4. From which plants natural coir can be obtained?

- a) Jute
- b) Coconut
- c) Cotton
- d) a and b

Explanation

Natural coir can be obtained from jute plants and coconut husk.

5. Plants can be classified into _____ types based on their Economic usages.

- a) 5
- b) 4
- c) 6
- d) 7

Explanation

Varieties of plants are used for mankind in various ways. Based on their economic values and uses plants are classified into six types.

6. Assertion (A): Plants are the main source of food for Humans.

Reasoning (R): Different parts of plants could be consumed as food.

- a) Both A and R is true and R is the correct explanation of A.
- b) Both A and R is true and R is not the correct explanation of A.
- c) A is False but R is True
- d) Both A and R is False.

Explanation

Plants are the main source of food. We can eat different parts of plants such as root, stem, leaf, seeds and fruits.

7. Plant foods can be classified as,

- a) Vegetables
- b) Cereals
- c) Pulses
- d) All the above**

Explanation

We eat different parts of the plants. We can classify the food plants as Vegetables, Cereals and Pulses.

8. Match

- | | |
|-------------|----------------|
| i) Roots | A. Potato |
| ii) Leaves | B. Guava |
| iii) Stems | C. Carrot |
| iv) Flowers | D. Cabbages |
| v) Fruits | E. Cauliflower |

- a) CDAEB**
- b) ABDEC
- c) EDBCA
- d) DCBAE

Explanation

The vegetables we consume are from different parts of plants. Carrot is from the root and cabbages from leaves, potato from stems, cauliflower from the flower part and Guava is a Fruit form from the plant.

9. Pulses are secured in _____ of the legume family plants.

- a) Leaves
- b) Pods**
- c) Roots

d) Stems

Explanation

Pulses are edible seeds of the legume family plants. Pulses are secured in pods. Bengal gram and green bean are examples for pulses.

10. Which country leads in the production of vegetables and fruits?

a) China

b) India

c) USA

d) Mexico

Explanation

China leads in the production of vegetables and fruits in the world. India is the second producer of fruits and vegetables in the world.

11. Which organization of UN celebrates The World Food Day?

a) International Monetary Fund

b) International Fund for agricultural development

c) UNESCO

d) Food and Agriculture Organization

Explanation

Each year Food day is celebrated by the Food and Agricultural Organization (FAO) of the United Nations. World food day adopts a different theme each year.

12. Pick out the spices in the given list.

a) Onions

b) Neem

c) Turmeric

d) Millet

Explanation

Spices are got from the bark or roots of certain plants. These are used for coloring or preserving food.

13. What is the aim of Celebrating World Food Day?

- a) To promote agriculture
- b) To ensure food for all.
- c) To ensure food security and nutritious diets for all.**
- d) To promote Organic Agriculture

Explanation

The aim of celebration of World food day is to promote worldwide awareness and action for those who suffer from hunger and to ensure food security and nutritious diet for all.

14. What is the usage of medicinal plants?

- a) Cure fever
- b) Drug preparation
- c) Act against fungi, insects
- d) All the above**

Explanation

Some of the plants are good in healing our diseases. These are called as Medicinal plants. The chemical compounds present in these plants act against insects, Fungi and certain germs. They are also used in Drug preparations.

15. Match

- | | |
|-------------|------------|
| i) Amla | A. leaves |
| ii) Tulsi | B. Rhizome |
| iii) Aloe | C. Fruit |
| iv) Neem | D. Seed |
| v) Turmeric | E. Bark |

a) DCBAE

b) CDAEB

c) ADCBE

d) EDBCA

Explanation

The plants which have highest medicinal values are the fruit part of Amla, Seeds of Tulsi, Leaves of aloe plant, Bark of neem tree and the rhizome part of turmeric plant.

16. What is the usage of natural fibers?

a) Thread

b) Rope

c) Cloth

d) All the above

Explanation

Fiber yielding plants are classified based on the usage and their parts used. Cotton is used in textile fibers as cloth and thread, coconut fibers are used for making rope.

17. How many types of plants can be classified based on the usage?

a) 1

b) 4

c) 5

d) 3

Explanation

Fiber yielding plants can be classified to three types based on their usage.

18. Which part of plants can be used for making fibers?

a) Stem

b) Leaf

c) Husk

d) Seed hairs

e) All the above

Explanation

Fiber yielding plants can be also classified based on the parts they are used. These fibers can be got from seed hairs, stem, leaves and husk of a plant.

19. Which state is in the top list in the production of Jute?

a) Odisha

b) West Bengal

c) Tripura

d) Uttar Pradesh

Explanation

In India jute is grown in seven states. West Bengal alone contributes 50% of raw jute production in India.

20. What are the features of woods that make it to use for buildings and making furniture?

a) Durability

b) Temperature Resistant

c) Stylish Finishing

d) All the above

Explanation

Wood needed for the construction of buildings and making of furniture from certain plants. We use woods for their features like durability, Stylish finish and resistance to temperature changes.

21. Which of these is used to make wooden construction and high quality furniture?

a) Softwood

b) Hardwood

c) Timber

d) Stems

Explanation

Hardwoods are angiosperms, the largest group of land plants. High quality furniture, decks , flooring and wooden construction are made with hardwoods.

22. State the softwood from the below list?

- a) Neem
- b) Pine**
- c) Teak
- d) Jackfruit

Explanation

Softwoods are from gymnosperm trees. It has a wide range of applications as making plywood, boxes and paper making. Pine tree is an example of softwood.

23. Plants grown for aesthetic reasons are called as_____.

- a) Ornamental plants**
- b) Timber yielding plants
- c) Food plants
- d) None of the above

Explanation

Plants which are grown for aesthetic reasons are called as ornamental plants producing flowers from floral plant is the important section of horticulture.

24. Which plant is also called as Flame of the Forest?

- a) Allamanda
- b) Delonix**
- c) Mandarai
- d) Crotons

Explanation

To decorate houses, gardens and parks lot of plants are used. Delonix tree is one kind which is also known as Flame of the forest.

25. For what reasons animals rely on plants?

- a) Food
- b) Shelter
- c) Food and shelter**
- d) None of the above

Explanation

Animals rely on plants for their food and shelter. This benefits not only the animals and also plants.

26. Which is used for Silk production?

- a) Silkworms**
- b) Flatworm
- c) Ribbon worm
- d) Spiny headed worm

Explanation

Silkworms feed on mulberry leaves and live of mulberry plants. This relationship is economically useful in silk production.

27. What is the key reason for cross pollination?

- a) Plants
- b) Bright flowers**
- c) Insects
- d) Honey

Explanation

Bright colors of flowers, smell attract insects. These insects go from flower to flower where they leave pollen grains from their body. This results in cross pollination.

28. Which of these are the best pollinators?

- a) Bees**
- b) Silkworms

- c) Birds
- d) Insects

Explanation

Insects are the key reason for the cross pollination and formation of vegetables and fruits. Bees are considered to be the best pollinators.

29. Which part of the bird is used to germinate seeds easily?

- a) Nervous system
- b) Mouth
- c) Digestive system
- d) Food pipes

Explanation

Animals and birds play an important role in spreading seeds of various plants. The digestive system enzyme in the digestive system softens the protective layer of the seeds and makes it easier to germinate.

30. Assertion (A): Plants maintain soil fertility.

Reasoning (R): Droppings and shedding of leaves, fruits and other parts degrade in soil.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true and R is not the correct explanation of A.
- c) A is False but R is True
- d) Both A and R are False.

Explanation

Plants maintain the soil fertility. Their droppings and shedding of leaves, fruits and other parts degrade in the soil to form humus. This humus increases soil fertility.

31. Blue green algae are used to fix _____ in the soil for agriculture.

- a) Oxygen
- b) Nitrogen

- c) Potassium
- d) Phosphorous

Explanation

Plants like blue green algae and bacteria like pseudomonas are used to fix nitrogen in the soil for agriculture.

32. Which of these prevent soil erosion?

- a) Building dams
- b) Agricultural patterns
- c) Dense plants**
- d) None of the above

Explanation

Plants grown in dense will prevent Soil erosion in times of flood, wind. The fertile top layer of soil is carried away by air and water.

33. What is the significance of bio-Fuels?

- a) Less toxic
- b) Less expensive
- c) Both a and b**
- d) Only a

Explanation

Some plants are grown for the sake of Bio-fuels. Plant fuels are less toxic and also less expensive.

34. Which is the Headquarters of CDRI of India?

- a) New Delhi
- b) Bangalore
- c) Lucknow**
- d) Chennai

Explanation

Central Drug Research Institute headquarters is located in Lucknow, India.

35. Which of this disease is cured by Palak's nano formation?

- a) Osteoarthritis
- b) Skin disease
- c) Ulcer
- d) Flu

Explanation

Osteoarthritis is a joint disease affecting joints and knees. In India CDRI have made a Nano formulation from the palak spinach to cure the disease.

36. Which one is used as a fertilizer?

- a) Neem oil
- b) Neem oil coated Urea
- c) Ginger
- d) Palm leaves

Explanation

Fertilizers are used to increase agricultural productivity. Indian scientist made neem coated urea which releases nitrogen gradually. It also reduces the impact of urea on an environment.

37. What are essential for cross pollination of plants?

- a) Animals
- b) Pests
- c) Birds
- d) All the above

Explanation

Animals, Pests and birds are essential for cross pollination of plants. These pollinators need to be protected to produce the best yield.

38. What kind of wood is Plywood?

- a) Hardwood
- b) Softwood
- c) Composite wood**
- d) None of the above

Explanation

Finely cut wooden boards from the wood are layered one above the other to make plywood. This is a type of composite wood.

39. Which of the plant has the below qualities

- i) Improves immunity
- ii) Fruit is used as medicine
- iii) Cures vitamin C diseases

- a) Tulsi
- b) Amla**
- c) Aloe
- d) Orange

Explanation

Amla plant is used for its highest medicinal values. The fruit of this plant is used to improve immunity. This helps in curing vitamin C diseases.

40. Which part of cotton plant is used as fiber?

- a) Seed hairs**
- b) Leaves
- c) Husk
- d) Stem

Explanation

Based on the parts of the plants fiber yielding plants can be classified. For example cotton is got from the seed hairs of its plant.

41. What are the primary purposes of spices?

- a) Flavoring
- b) Coloring
- c) Preserving
- d) All the above

Explanation

A spice comes from the bark or roots of certain plants, leaves, flowers and stems of plants. These are primarily used for flavoring, coloring or preserving food.

42. Which region the spice plants belongs to?

- a) Tropical region
- b) Subtropical region
- c) Temperate region
- d) Polar region

Explanation

Spices are aromatic parts of tropical plants. These are used to flavor the food.

43. Which does not belong to the flower based food?

- a) Cauliflower
- b) Broccoli
- c) Banana Flower
- d) Pomegranate

Explanation

Mankind uses different parts of plants for food. Cauliflower, Broccoli and banana flower are the flower parts of a plant which is consumed as food.

44. What are the usages of Vegetable oils?

- a) Food
- b) Soap and detergents

c) Paints

d) All the above

Explanation

Plants are used to produce natural vegetable oils. These oils are used in Food preparations, Saponification process and in making of paints and varnishes.

45. Which parts of plants are used as Tea?

a) Flower

b) Leaves

c) Stems

d) Fruits

Explanation

Plants are used for coffee and tea production. The tea is naturally got from its leaves. These tea leaves are dried and used for Tea making process.