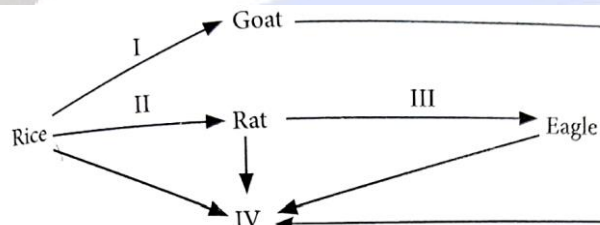


- Select the incorrect statement(s).
 - Only bacteria can help in the recycling of nutrients and are called as decomposers.
 - Decomposers can convert dead matter and wastes into nutrient rich humus.
 - Fungi can only decay food but cannot decompose dead matter.
 - Snails, termites and millipedes are decomposers.

(a) Only (iii) (b) (i) and (iii) (c) (i) and (iv) (d) (i), (iii) and (iv)
- _____ is not a way of conservation of forests.

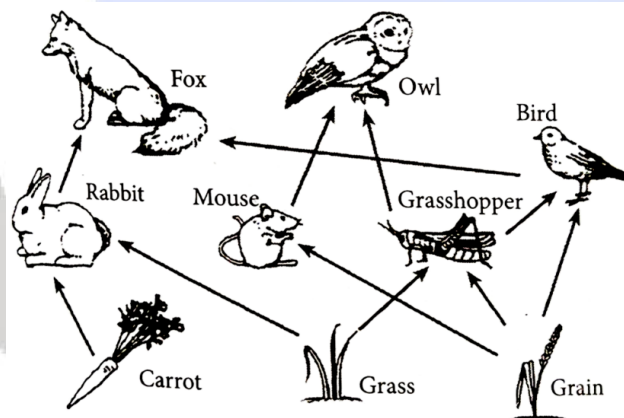
(a) Deforestation (b) Planned cultivation
(c) Afforestation (d) Minimising overgrazing
- Forest can prevent
 - floods
 - soil erosion
 - decrease in the level of water table
 - deforestation.

(a) (i) and (ii) (b) (ii) and (iv) (c) (i) and (iv) (d) (i), (ii) and (iii)
- In the following food chain, decomposers are represented by



- (a) I (b) II (c) III (d) IV

Direction: (Question number 5 to 8). Study the given food web and answer the following questions



- How many food chains are there in the given food web?

(a) 7 (b) 5 (c) 8 (d) 6
- Owl and fox in the given food web represents
 - primary consumers
 - producers
 - secondary consumers
 - top consumers.
- In the absence of forests, the amount of (i) in air will increase, resulting in an (ii) of earth's temperature. Select the correct option for (i) and (ii).
 - (i) oxygen (ii) increase
 - (i) oxygen (ii) decrease
 - (i) carbon dioxide (ii) increase
 - (i) carbon dioxide (ii) decrease

8. Which of the following is not a decomposer?
(a) Fungi (b) Bacteria (c) Earthworm (d) Vulture
9. Which of the following is representing a correct food chain?
(a) Rabbit → Grass → Fox → Lion (b) Grass → Rabbit → Fox → Lion
(c) Lion → Fox → Rabbit → Grass (d) Rabbit → Lion → Fox → Grass
10. The ultimate source of energy in nature is
(a) oxygen (b) carbon dioxide (c) fossil fuel (d) sun.
11. Which of the following statements are correct regarding forest?
(i) It serves as green lungs.
(ii) It influences climate, water cycle and air quality.
(iii) It is a cause of soil erosion.
(iv) It is home for plants and animals.
(a) (i) and (iv) (b) (i), (iii) and (iv) (c) (i), (ii) and (iv) (d) (ii) and (iii)
12. _____ is the branchy part of a tree above the stem.
(a) Canopy (b) Crown (c) Understorey (d) Forest floor
13. Forests are not responsible for
(a) providing home for many animals and plants.
(b) providing oxygen for respiration.
(c) providing medicinal plants.
(d) causing floods and droughts.
14. Select the incorrect statements.
(i) Plants provide food and shelter only to animals.
(ii) Plants replenish the air with carbon dioxide.
(iii) Animals disperse seeds of some plants.
(iv) Plants provide us timber, honey, wax, gum, medicines, etc.
(a) (i), (ii) and (iii) (b) (ii), (iii) and (iv) (c) (i) and (ii) (d) (iii) and (iv)
15. In a forest, the vegetation that grow under shade of the tall trees is known as I and the branchy part of the forest trees above the stem is known as II.
I II
(a) understorey, crown
(b) canopy, crown
(c) forest floor, canopy
(d) understorey, crown
16. The branches of tall trees that look like an umbrella shaped roof over the other plants. This is known as
(a) crown (b) canopy (c) understorey (d) forest floor.
17. Which of the following serve as green lungs?
(a) Green pigment of the plants (b) Forests
(c) Kitchen gardens (d) Greenhouse gases
18. Which among the following forest animals is the smallest?
(a) Fox (b) Boar (c) Bison (d) Porcupine
19. Which of the following is not prepared from the wood obtained from forest?
(a) Paper (b) Thermocol (c) Matchsticks (d) Plywood

20. Pick the option which gives the names of a tree and an animal, respectively from the following.
- (a) Semal, hornbill (b) Sal, khair
(c) Chinkara, blue bull (d) Neem, palash
21. Which of the following products is not obtained from a forest?
- (a) Honey (b) Catechu (c) Gum (d) Ginger

Assertion-Reason Codes:

- (a) If both Assertion and Reason are true and Reason is the correct explanation of Assertion.
(b) If both Assertion and Reason are true and Reason is not the correct explanation of Assertion.
(c) If Assertion is true but Reason is false.
(d) If both Assertion and Reason are false.
22. Assertion: If the forests disappear, the earth's temperature will increase.
Reason: In the absence of trees the amount of carbon dioxide will increase that will eventually increase the temperature.
23. Assertion: Deforestation promotes soil erosion.
Reason: Without trees, the soil get exposed to the surface water and wind, so gets eroded.
24. Assertion: The branchy part of a tree above stem is known as crown.
Reason: The closed canopy and many layers of vegetation slow down the speed of raindrops.
25. Assertion: The animals can disperse the seeds of certain plants.
Reason: Animals have limited role in the growth and regeneration of forest.
26. Assertion: Greater the variety of plants in a forest the more will be the population of herbivores.
Reason: Greater variety of plants in a forest provides greater opportunities for food and habitat for organisms.
27. Assertion: Forests are called as green lungs.
Reason: Forests help to maintain a balance between O_2 and CO_2 in the atmosphere.