



QUESTION BANK

Grade 5

Environmental Studies

CH-1 PLANTS SUPPORT LIFE

Questions and Answers	
Section A (Objective type questions)	
Fill in the blanks	
1	The outer covering of seed is called _____. Answer: seedcoat
2	The first part to grow from the seed is _____. Answer: . root
3	_____ is formed by the interconnections of different food chains which are interdependent. Answer: . Food web
4	A growing young plant is called _____. Answer: Seedling
5	Flow of seeds from parent plant is called _____. Answers: seed dispersal
6	The apatanis are a tribal group of people living in the _____ in the district of Arunachal Pradesh. Answers: Ziro valley
7	Resins from _____ tree is used as medicine Answer: Pine
8	Different items that make up a food is called _____. Answer: Ingredients.
9	Plants make their own food by the process of _____. Answer: Photosynthesis
10	_____ the Sacred groves of Kerala. Answer: Kavu
Choose the correct answer	
11	The development of seed into seedling which further develop to plant is called A) Conservation B) Seed dispersal C) Germination D) None of these Answer: Germination
12	Study the following food chain. Grains → Rat → Snake → Mongoose If the number of snakes increases, it could be due to . A) a decrease in the number of rats B) a decrease in the number of mongooses C) a decrease in number of grains D) both a and b Answer: B. a decrease in the number of mongooses

<p>13</p>	<p>The seeds of cotton dispersed through a) Water b. Wind c. explosion d. birds Answer: wind</p>
<p>14</p>	<p>Which of the following plants grows without seed? a)Wheat b) Rice c) Banana d) Maize Answer. Banana</p>
<p>15.</p>	<p>The seeds of lotus are dispersed by a) Wind b) water c) explosion d) birds Answer: water</p>
<p>Write True or False</p>	
<p>16</p>	<p>Forest cause global warming. Answer : False</p>
<p>17</p>	<p>Plants are food producers. Answer: True</p>
<p>18</p>	<p>Animals consume or eat plants and other animals are called consumers. Answer: True</p>
<p>19</p>	<p>Shoot is the part of the seed that grow upward. Answer: True</p>
<p>Section B (Subjective type questions)</p>	
<p>20</p>	<p>Why are green plants known as producers? Ans. Green plants use sunlight and carbon dioxide from the atmosphere to produce carbohydrates by the process of photosynthesis. Since, plants produce food for themselves, they are known as producers.</p>
<p>21</p>	<p>How is a food chain different from a food web? Ans: A food chain shows the relationship between living things based on what they eat. Food chains in nature are interlinked or interconnected. The interconnection between different food chains is represented by a web-like structure called a food web.</p>
<p>22</p>	<p>. Why are animals called consumers? Ans: Animals are called consumers because they cannot make their own</p>

	food and eat plants or other animals.
23	<p>What are the two parts that come out of the seed known as? In which direction do they grow?</p> <p>Ans: The root and the shoot. The root of the baby plant starts to grow down from the seed into the soil. Then the shoot starts to grow up into the air.</p>
24	<p>Why is dispersal of seeds necessary?</p> <p>Ans: If seedlings grow too close to each other, they will not get enough space, air, water, minerals and sunlight. Under these conditions, they cannot grow into healthy plants. Hence, seeds need to move from the parent plant to different locations where they can grow into healthy plants.</p>
25	<p>What does a food chain represent? .</p> <p>Ans. A food chain represents the food relationships between organisms in a community. It shows how nutrients and energy move from one animal to another.</p>
26	<p>Construct two food chains with a human in each food chain?</p> <p>Ans. Two food chains that include human beings are: a. rice grains → hen → man b. grass → goat → man</p>
27	<p>Describe the structure of seeds that are dispersed by wind.</p> <p>Ans: Seeds that are scattered by wind are usually small and light. Dandelion seeds have fine hair surrounding them. This makes it easy for the wind to carry the seeds away. Some seeds, such as maple, have wings attached to them, which help them to float in the air easily and move long distances.</p>

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