



OSDAV Public School, Kaithal
Third Unit Test (November,2024)

Set: A

Class : VI

Subject : Science

M.M. : 30

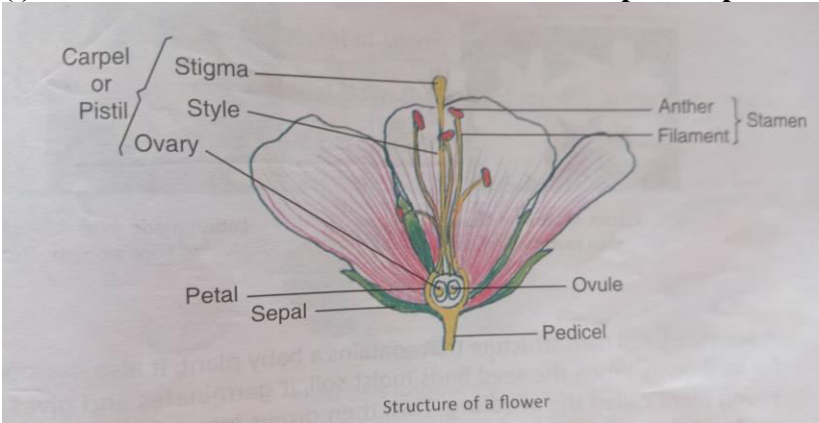
Time:...

General Instructions:-

All questions are compulsory.

Draw a well labelled and neat diagram.

Q.No.	Questions	Marks
1	(i) (d) Cockroach (ii) (a) many years. (iii) (c) parasitic roots. (iv) (c) pollination. (v) (a) kinetic energy.	5
2	Tick the correct option: (i) Both A and R are true.	1
3	Uses of light energy are :- (a) It helps us to see things during the day. (b) Light energy is also used by green plants to make their food.	2
4	Vertebrates They have a backbone, which is made up of several bones. Invertebrates They do not have a backbone.	2
5	State the type of mechanical energy possessed by the following: (b) Potential Energy (c) Kinetic Energy	2
6	Mesophytes These plants grow on land. These plants need a moderate amount of water. They have medium-sized roots. For eg: mango tree, apple tree. Xerophytes These plants grow on deserts. These plants need a very small amount of water for their survival. They have long roots. For eg: cacti, Babool etc.	3

7	<ul style="list-style-type: none"> ● Animals like camels and horses are used for transportation of humans and material. ● We get many products like leather, wool and silk from animals. ● Animal excreta is used as manure for making gobar gas. ● Many edible products like milk, honey, eggs etc are obtained from animals. 	3
8	<p>Anther - Anther produces pollen grains. Filament - Filament provides support to the anther</p>	3
9	<p>(i) Flower is colored attractive and beautiful part of plant</p>  <p>(ii) Draw the well- labelled diagram of Flower (iii)one functions of fruit are :-</p> <ul style="list-style-type: none"> ● Fruits are the edible part of a plant . 	5
10	<p>Case Study:</p> <ol style="list-style-type: none"> 1. Work: Work is done by a force only when this force acting on a body produces some displacement of the body in its own direction. 2. Kinetic Energy, mechanical energy. 3. Kinetic Energy, mechanical energy, potential energy 4. Sound Energy 	4



OSDAV Public School, Kaithal
Third Unit Test(November,2024)

Set: B

Class : VI

Subject : Science

M.M. : 30

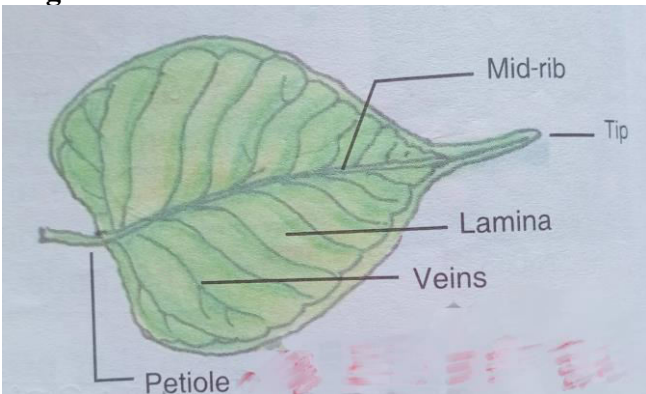
Time:...

General Instructions:-

All questions are compulsory.

Draw a well labelled and neat diagram.

Q.No.	Questions	Marks
1	(i) (d) Cotton plant (ii) (c) Node. (iii) (c) Petiole. (iv) (b) Potential Energy (v) (b) Displacement	5
2	Tick the correct option: A) Both assertion and reason are true	1
3	<ul style="list-style-type: none">● Oxygen Production: Plants consume carbon dioxide and produce oxygen during photosynthesis. Oxygen is needed by all living beings for their survival.● Food Source: Plants are the basic source of all foods. They provide fruits, grains, vegetables, oils, spices, sugar, tea, etc., to other living beings.● Raw Materials: Wood, rubber, paper, and cotton are all obtained from plants. All these plant products are used for producing or making many other useful products.● Medicines: Many medicines are obtained from different plants. Neem, tulsi, clove, and eucalyptus are some of the well-known plants used for preparing medicines.	2
4	<ul style="list-style-type: none">● These veins help in transportation of food material● They provide support to the lamina.	2
5	Clouds cannot move on its own. It needs some external force. Force of clouds doesn't come from inside. Hence, clouds are considered as non-living.	2
6	Distinguish between Biennials and Perennials Biennials	3

	<p>These plants live for two seasons. In the second year, they bear flowers and fruits. For eg: carrot, radish, turnip.</p> <p>Perennials</p> <p>These plants live for many years. They produce flowers and fruits many times in their lifetime. For eg: mango tree, guava, neem.</p>	
7	<p>work:-Work is done by a force only when this force acting on a body produces some displacement of the body in its own direction.</p> <p>When a stone hits a window pane, it can break the glass of the window. This happens because the work is being done by a moving stone. This example shows that a moving object can do work.</p>	3
8	<p>diagram of leaf .</p>  <p>The diagram shows a green leaf with a central mid-rib and smaller veins branching out. The leaf is attached to a petiole. The tip of the leaf is pointed. The main part of the leaf is the lamina.</p>	3
9	<p>shoot system:- The part of the plant, which is found above the soil is called shoot system.</p> <p>(ii) one function of the stem:-</p> <ul style="list-style-type: none"> ● It keeps the plant straight and upright . <p>(iii) three modified stems with one example of eachare :-</p> <ul style="list-style-type: none"> ● Stem that stores food. Example :-ginger, potato ● Stem that manufactures food. Example:-cactus ● Stem that provides support.Example :-grapes and pea 	5
10	<p>Case Study:</p> <ul style="list-style-type: none"> ● energy is the capacity to do work. ● no work is not done ● Kinetic energy ● Chemical Energy to Electrical Energy. 	4