



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: VIII

Date: 27.02.2021

Ch-2 -Reproduction in Plants and Animals

F.M:15

WORKSHEET – 12

(1x15=15)

- i) Artificial methods of vegetative propagation are
(1) Cutting (2) Layering (3) Grafting (4) **All of these**
- ii) When plants are grown from the cut portion of the stem, it is referred to as
(1) Layering (2) **Cutting** (3) Grafting (4) Tissue culture
- iii) Lemon, rose and jasmine can be commonly grown by
(1) Grafting (2) Cutting (3) **Layering** (4) All of these
- iv) A cutting of a young stem in grafting is called
(1) Stock (2) **Scion** (3) Both (1) and (2) (4) None of these
- v) Which of the following is also called a graft?
(1) **Scion** (2) Stock (3) Both (1) and (2) (4) None of these
- vi) Which of the following processes require a culture medium?
(1) Cutting (2) Grafting (3) **Tissue culture** (4) Layering
- vii) Which of the following may be added to the culture medium during tissue culture?
(1) Salts (2) Nutrients (3) Antibiotics (4) **All of these**
- viii) The plant tissues used for culture is called
(1) Stock (2) Scion (3) Graft (4) **Explant**
- ix) Growth of the roots is promoted by
(1) Gibberellin (2) Cytokinin (3) **Auxin** (4) ABA
- x) Growth of the shoot is promoted by
(1) **Cytokinin** (2) Gibberellin (3) ABA (4) Auxin
- xi) The undifferentiated mass of cells is called
(1) Thallus (2) Explant (3) **Callus** (4) None of these
- xii) Which of the following is a whorl of a flower?
(1) Calyx (2) Corolla (3) Androecium (4) **All of these**
- xiii) Calyx is formed by
(1) **Sepals** (2) Petals (3) Stamen (4) Pistil
- xiv) The petals of a plant forms
(1) Calyx (2) **Corolla** (3) Androecium (4) Gynoecium
- xv) Which of the following are male units of flower?
(1) Sepals (2) Petals (3) **Stamen** (4) Carpel

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