



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

WORK SHEET – 31

Class: IX

Sub: Life Science

Date: 09.06.2020

Topic: Respiration in Plants

F.M. : 15

Choose the correct option:

(1x15=15)

- Respiration is the sum total of _____ and _____ processes in an organisms.
a) Physical and mechanical b) Chemical c) Metabolism and chemical d) Physical and chemical
- Chemical processes in the body are also known as :-
a) External respiration b) Intensive respiration c) Internal respiration d) Inner respiration
- Internal respiration includes :-
a) Exchange of gases b) Oxidation of glucose to produce CO_2 and H_2O c) Transport of gases
d) All of these
- The function of respiratory system is :-
a) Oxidation of food to release CO_2 and O_2 b) Exchange of gases with environment c)
Transport of gases d) All of these
- Gills are the respiratory organs of :-
a) Catla b) Shark c) Axolotyl larva d) All of these
- Human respiratory system includes :-
a) Trachea b) Pharynx c) Bronchioles d) All of these
- What is not a characteristic of a respiratory surface :-
a) Thick wall b) Moist inner surface c) Large surface area d) Blood supply
- Respiratory organs of plant is / are :-
a) Stomata b) Lenticels c) Pneumatophores d) All of these
- The tiny openings on the leaves and young green stems for respiration is called :-
a) Stomata b) Guard cell c) Lenticel d) None of these
- Guard cells are specialized structures which are _____ shaped in plants.
a) Reniform b) Oval c) Dumbbell shaped d) Reniform in dicots and dumbbell in monocots
- The opening and the closing of stomata is brought about by _____ and _____
respectively.
a) Entry and exit b) Turgidity and flaccidity c) Flaccidity and turgidity d) All of these
- The permanent openings on bank which allow gas exchange throughout the day and night are
called :-
a) Pneumatophores b) Stoma c) Lenticels d) Guard cells

13. Breathing roots develop in plants found in _____ areas.
a) Waterlogged b) Dry c) Coastal d) Hilly
14. Pneumatophores are found in _____.
a) Mango tree b) Orchids c) Mangroves d) Water lily
15. Lenticels are found on :-
a) Roots b) Fruit walls c) Barks of trees d) Both (b) and (c)

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