



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: VIII

Date: 08.03.2021

Ch-2 -Reproduction in Plants and Animals

F.M:15

WORKSHEET – 14

(1x15=15)

- i) Water pollination is observed in
(1) **Submerged plants** (2) Floating plants (3) Aerial plants (4) All of these
- ii) Which of the following is a water pollinating plant?
(1) *Hydrilla* (2) *Vallisneria* (3) **Both (1) and (2)** (4) None of these
- iii) In *Hydrilla*, which of the following develop under water?
(1) **Buds of female flowers** (2) Buds of male flowers (3) Both (1) and (2) (4) All of these
- iv) Water pollination is also called
(1) **Hydrophily** (2) Anemophily (3) Entomophily (4) Ornithophily
- v) Which of the following is required to cover the flower?
(1) Sac (2) Wax (3) **Bag** (4) None of these
- vi) The process of obtaining a new variety by artificial means is called
(1) **Hybridisation** (2) Crossing over (3) Fertilisation (4) Germination
- vii) The pollen grains enter the female flower through
(1) Stigma (2) Style (3) Integument (4) **Pollen tube**
- viii) Which of the following is the future seed coat?
(1) Stamen (2) carpel (3) **Integument** (4) None of these
- ix) Each pollen cell contains
(1) A vegetative cell (2) Two male gametes (3) **Both (1) and (2)** (4) None of these
- x) The pollen tube is produced by
(1) Generative cell (2) **Vegetative Cell** (3) Egg cell (4) Antipodals
- xi) Zygote is formed by fusing male gamete with the
(1) **Egg cell** (2) Antipodals (3) Synergids (4) All of these
- xii) Which of the following is formed when the male gamete fuses with other cells within the ovule apart from the cell?
(1) **Food** (2) Zygote (3) fruit (4) Seed
- xiii) After fertilisation , the ovule develops into
(1) Zygote (2) **Seed** (3) Fruit (4) Endosperm
- xiv) The embryo consists of
(1) Radicle (2) Plumule (3) Cotyledons (4) **All of these**
- xv) Which of the following gives rise to the roots?
(1) **Radicle** (2) Plumule (3) Cotyledons (4) Epicotyl

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