



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

WORK SHEET – 4

Class: XII

Sub: Biological Science

Date: 14.05.2020

Topic: Sexual Reproduction-Part 2, Life Span and Parthenogenesis

F.M. : 15

Choose the correct option:

(1x15=15)

1. The period from birth to natural death is called :-
a) Life Cycle b) Life span c) Reproduction d) Parthenocarpy
2. The stage in which organism is capable of reproducing :-
a) Juvenility b) Maturity c) Aging d) Death
3. The progressive deterioration of metabolic activities is called:-
a) Aging b) Senescence c) Death d) None of these
4. The process of formation of an organism from an egg without undergoing fertilization is called:-
a) Syngamy b) Conjugation c) Parthenogenesis d) Hologamy
5. Parthenogenesis takes place in the following organism:-
a) Tortoise b) Cow c) Bees d) Apes
6. The process of formation of fruit without seeds is called :-
a) Pseudocarpy b) Parthenocarpy c) Fertilization d) Syngamy
7. Parthenogenesis can be induced using :-
a) Temperature b) Hormones c) Electric shocks d) All of these
8. Embryogenesis in plants include :-
a) Cell division b) Cell differentiation c) Organ formation d) All of these
9. The formation of pollen grains takes place in :-
a) Pistil b) Anther c) Thalamus d) Filament
10. The transfer of pollen grains from the anther to stigma is a mode of :-
a) Gamete transfer b) Gametogenesis c) Fertilization d) Zygote formation
11. The sexual maturity can be understood by the onset of ____ :-
a) Aging b) oestrous cycle c) Menstrual cycle d) Both (b) and (c)
12. Oestrous cycle occurs in :-
a) Humans b) Apes c) Monkeys d) Dogs
13. Menstrual cycle occurs in :-
a) Primates b) Non-primates c) Both primates and non-primates d) None of these

14. _____ is an example of a continuous breeder.
a) Cow b) Cat c) Human d) Dog
15. The following is not a characteristic of Oestrous cycle :-
a) Reabsorption of endometrium b) Blood flow c) Period of heat d) Females become receptive for copulation only during period of heat

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