



**ST. LAWRENCE HIGH SCHOOL**



**A JESUIT CHRISTIAN MINORITY INSTITUTION**

**WORK SHEET – 4 (solutions)**

**Class: XII**

**Sub: Biological Science**

**Date: 14.05.2020**

**Topic: Sexual Reproduction-Part ,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  
**Answer : Life Span (b)**
2. The stage in which organism is capable of reproducing :-  
a) Juvenility b) Maturity c) Aging d) Death  
**Answer : Maturity (b)**
3. The progressive deterioration of metabolic activities is called:-  
a) Aging b) Senescence c) Death d) None of these  
**Answer : Aging (a)**
4. The process of formation of an organism from an egg without undergoing fertilization is called:-  
a) Syngamy b) Conjugation c) Parthenogenesis d) Hologamy  
**Answer : Parthenogenesis (c)**
5. Parthenogenesis takes place in the following organism:-  
a) Tortoise b) Cow c) Bees d) Apes  
**Answer : Bees (c)**
6. The process of formation of fruit without seeds is called :-  
a) Pseudocarpy b) Parthenocarpy c) Fertilization d) Syngamy  
**Answer : Parthenocarpy (b)**
7. Parthenogenesis can be induced using :-  
a) Temperature b) Hormones c) Electric shocks d) All of these  
**Answer : All of these (d)**
8. Embryogenesis in plants include:-  
a) Cell division b) Cell differentiation c) Organ formation d) All of these  
**Answer : All of these (d)**
9. The formation of pollen grains takes place in :-  
a) Pistil b) Anther c) Thalamus d) Filament  
**Answer : Anther (b)**

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

**Answer : Gamete transfer (a)**

11. The sexual maturity can be understood by the onset of \_\_\_\_\_ :-  
a) Aging b) oestrous cycle c) Menstrual cycle d) Both (b) and (c)

**Answer : Both (b) and (c)**

12. Oestrous cycle occurs in :-  
a) Humans b) Apes c) Monkeys d) Dogs

**Answer : Dogs (d)**

13. Menstrual cycle occurs in :-  
a) Primates b) Non-primates c) Both primates and non-primates d) None of these

**Answer : Primates (a)**

14. \_\_\_\_\_ is an example of continuous breeder.  
a) Cow b) Cat c) Human d) Dog

**Answer : Human (c)**

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

**Answer : Blood flow (b)**

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