



**ST. LAWRENCE HIGH SCHOOL**  
**A JESUIT CHRISTIAN MINORITY INSTITUTION**



**WORK SHEET – 3**

**Class: XII**

**Sub: BIOLOGICAL SCIENCE**

**Date: 13.05.2020**

**Topic – Sexual Reproduction in organisms Part 1**

**F.M. : 15**

**Choose the correct option:**

**(1x15=15)**

1. The following is not the characteristic of sexual Reproduction -  
a) Two types of gametes are produced b) Meiosis takes place c) Variation is absent in offsprings d) Alteration of generation
2. The phenomenon of presence of both gamete producing structures in the same organism is called :-  
a) Conjugation b) Syngamy c) Homothallism d) Heterothallism
3. The type of syngamy where one gamete is motile and another is non-motile :-  
a) Isogamy b) Oogamy c) An isogamy d) Hologamy
4. The type of fertilization where eggs and sperms are shed simultaneously in water :-  
a) Internal fertilization b) External fertilization c) Self fertilization d) Double fertilization
5. The process of formation of gametes is called :-  
a) Fertilization b) Gametogenesis c) Oogamy d) Syngamy
6. The two gametes which are structurally and functionally different :-  
a) Heterogametes b) Homogametes c) Isogametes d) none of these
7. The fusion of a male and a female gamete is called :-  
a) Syngamy b) Fertilization c) Double fertilization d) Both Syngamy and fertilization
8. Post fertilization events include :-  
a) Zygote formation b) Gametic fusion c) Embryogenesis d) Both (a) and (c)
9. The development of embryo from zygote is called:-  
a) Embryology b) Embryo rescue c) Embryogenesis d) All of these
10. The process of development of embryo in the fertilized or unfertilized egg outside the body of some animal is called :-  
a) External fertilization b) Ovipary c) Vivipary d) None of these
11. Ovoviviparous development of embryo takes place in :-  
a) Fish b) Man c) Shark d) Cow
12. Embryogenesis include :-  
a) Development of embryo b) Mitotic division c) Organ formation d) All of these

13. When embryo develops fully inside the mother's body, it is called :-  
a) Ovipary b) Vivipary c) Ovovivipary d) None of these
14. What is formed after fertilization?  
a) A zygote b) A gamete c) A sperm d) An egg
15. Gametes are usually ----- with respect to their chromosome number :-  
a) Diploid b) Haploid c) Homogametes d) Heterogametes

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