

BRAIN INTERNATIONAL SCHOOL

SUBJECT: BIOLOGY

CLASS-XII

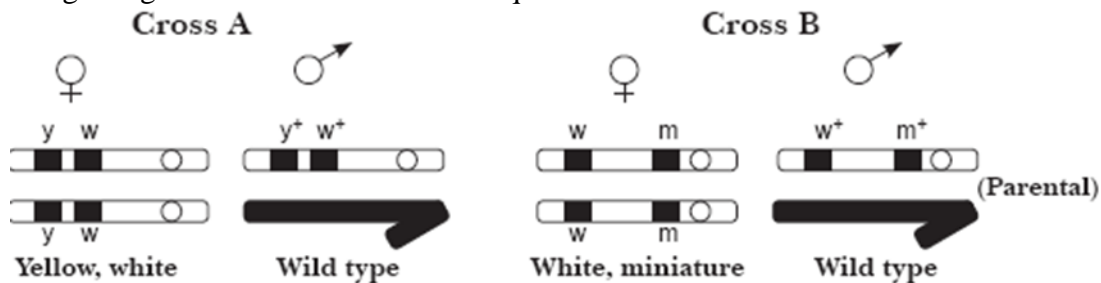
JUNE, 2021

CHAPTER4: REPRODUCTIVE HEALTH

- Assertion:** Oral pills are very effective contraceptive with lesser side effects.
Reason: These pills inhibit ovulation and implantation.
 - Both assertion and reason are true, and the reason is the correct explanation of the assertion.
 - Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
 - Assertion is true but reason is false.
 - Both assertion and reason are false.
- At how many cell stage embryo will transfer in ZIFT?
- Lactational amenorrhea is a contraceptive method. How?
- Write type of surgical methods of contraception.
- Write the full form of ART. List any two techniques
- Write the aims and objectives of RCH programmes.

CHAPTER5: PRINCIPLES OF INHERITANCE AND VARIATION

- Study the figures given below and answer the question.



Identify in which of the crosses the strength of linkage between the genes is higher. Give reasons in support of your answer.

- Human blood group character is a good example of multiple allelism and codominance. Justify.
- Write the types and location of the genes causing thalassemia in humans. State the cause and symptoms of the disease. How is sickle-cell anemia different from this disease?
- Haemophilia and sickle-cell anaemia are blood related Mendelian disorders. Yet, they differ in their pattern of inheritance. Explain the difference.
- Name a disorder, give the karyotype and write any two symptoms where a human male suffers as a result of an additional X chromosome.