

Name: _____					
Subject: Biology		Class: 12 th		Time: 80 minutes	
Total Marks: 40		Chapter No.		MJDexpert.com	
Obtained marks					

Note: Please attempt any 10 short questions from Question 2. Also, attempt both parts of Question 3. Cutting and removal of any content is strictly prohibited.

Q#1 Encircle the Correct Option (10 x 1 = 10)

1. Sexual reproduction typically involves how many parents?

- A) 1 Parent B) 2 Parents C) Both A & B D) None of These

2. Why is reproduction crucial for survival?

- A) Species B) Population C) Individual D) Both A & B

3. Developing seeds are influenced by which of the following hormones?

- A) Auxins B) Cytokinins C) Gibberellins D) All

4. The sac-like structure known as the scrotum is found in which organ?

- A) Ovary B) Testis C) Lungs D) Kidney

5. Which hormone promotes the ripening of tomatoes?

- A) Auxins B) Ethylene C) Cytokinins D) All

6. What is parthenocarpy?

- A) Development of Fruit Without Pollination B) Development Without Germination
C) Development Without Fertilization D) Development Without Hormones

7. In honey bees, how are male sperm produced?

- A) Meiosis B) Mitosis C) Apomixis D) All

8. What is the typical human gestation period?

- A) 280 Days B) 23 Days C) 9 Months D) 8 Days

9. What is the term for when a haploid egg develops into a haploid offspring?

- A) Haploid Parthenocarpy B) Haploid Parthenogenesis C) Diploid Parthenocarpy
D) Diploid Parthenogenesis

10. What is the term for the release of an egg from the ovary?

- A) Ovulation B) Menstruation C) Oogenesis D) Gametogenesis

Q #2 Short Questions (2 x 10 = 20)

- List the methods of asexual reproduction.
- Name three artificial methods used in asexual reproduction.
- What characteristics made seed plants dominant on land?
- What are the components of the male and female reproductive systems?
- What changes occur in ovulation and menstruation during pregnancy?
- Define haploid and diploid parthenogenesis.
- What are identical twins?
- Compare sexual reproduction with asexual reproduction.
- Describe AIDS.
- What is ovulation?

Q #3 Long Questions (2 x 5 = 10)

- Describe the female reproductive system in detail.
- Explain reproduction in plants.