

# VISWABHARATHI WISEWOODS

## PRACTICE SHEET – 1

GRADE : VII – VIII

SUBJECT : BIOLOGY

### I. Answer the following :

- Which of the following is not reproduced through fission? ( )  
A) Amoeba                      B) Bacteria                      C) Hydra                      D) Paramecium
- The part of the female reproductive system produces the eggs... ( )  
A) Ovary                      B) Epididimis                      C) Bladder                      D) Fallopian tube
- In which female reproductive organ does the embryo get embedded?
- Which organ of the male body secretes the testosterone?
- i) A sexual reproduction produces organisms which are normally copies of single parent.  
ii) Sexual reproduction produce organisms which are having combination of characters of both parents.  
A) (i) and (ii) wrong    B) (i) false                      C) (i) and (ii) correct    D) (ii) false

### II. Read the following paragraph and answer the questions :

Asexual reproduction produce organisms which are normally copies of the single parent. Sexual reproduction would require two parents and organism produced would have a combination of characters of both parents. A sexual reproduction appears to be more efficient as only one parent is required and no time (or) energy is spent in finding a mate, but sexual reproduction helps organisms to develop characters that would be help them to adopt better to their surroundings.

- What are the two modes by which animals reproduce?
- Which type of reproduction promotes the production of new characters in the off spring?
- Fusion of gametes does not takes place in this kind of reproduction. ( )  
A) A sexual                      B) Conjugation                      C) Sexual                      D) None of the above
- Which type of reproduction does not require time (or) energy to find a mate. ( )  
A) A sexual reproduction                      B) Both A and B  
C) Sexual reproduction                      D) None of these

### III. Answer the following questions (3 Marks Questions) :

- Draw a neatly labeled diagram of female reproductive system of human beings?
- Explain the importance of reproduction in organisms?

### IV. Answer the following questions (5 Marks Question) :

- Define a sexual reproduction. Describe two methods of a sexual reproduction in animals?

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# VISWABHARATHI WISEWOODS

## PRACTICE SHEET – 2

GRADE : VII – VIII

SUBJECT : BIOLOGY

### I. Answer the following :

1. The number of nuclei present in a zygote is ( )  
A) None                      B) One                      C) Two                      D) Four
2. A tadpole develops into an adult frog by the process of ( )  
A) Fertilisation              B) Embedding              C) Metamorphosis              D) Budding
3. What is meant by ovulation?
4. Where the fertilization does takes place in the human beings?
5. i) External fertilization is common in terrestrial animals.  
ii) Internal fertilization is common in aquatic animals. ( )  
A) i-false, ii-true              B) i-false, ii-false              C) i-true, ii-false              D) i-true, ii-true

### II. Read the paragraph carefully and answer the following questions :

*The animals which are giving birth to young ones have epidermal hair on their skin and external ears. The animals that lay eggs do not have epidermal hair (or) external ears. The animals which lay eggs are called oviparous while those which give birth to their off springs are called viviparous.*

6. Is epidermal hair seen in those animals whose ears are visible outside?
7. Do animals that have epidermal hair give birth to young ones (or) lay eggs?
8. Give some examples for oviparous and viviparous animals.
9. How can you identify the animal is viviparous (or) oviparous?

### III. Answer the following questions :

10. Who am I?  
(a) I am formed by the fusion of male and female gametes.....?  
(b) I am a gamete that has a tail and travel to fuse with female gamete...?  
(c) I am a fully developed embryo inside a mother's body...
11. Differentiate between internal fertilization and external fertilization?

### IV. Answer the following questions :

12. Why do fish and frog lay more number of eggs where as cow and human beings usually give birth to only one at a time? Describe the process of fertilization in human beings.

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