



# BIOLOGY

## BOOKS - USHA BIOLOGY (ODIA ENGLISH)

### QUESTION PAPER 2016

#### Previous Year Question

1. During which stage of oogenesis the number of chromosomes is reduced to half?

- A. Formation of first polar body
- B. Formation of second polar body
- C. Meiosis-II
- D. Division of secondary oocyte

**Answer:**



**Watch Video Solution**

2. Which procedure is followed for amplification of DNA?

A. Southern blotting

B. Electrophoresis

C. Autoradiography

D. Polymerase Chain Reaction

**Answer:**



**Watch Video Solution**

**3.** In which type of chromosomal aberration a submetacentric chromosome may be converted to a metacentric chromosome ?

A. Deletion

B. Duplication

C. Paracentric Inversion

D. Pericentric Inversion

**Answer:**



**Watch Video Solution**

4. During conduction of nerve impulse, what causes repolarisation of nerves ?

A. Influx of Sodium ions

B. Efflux of Sodium ions

C. Efflux of Potassium ions

D. Influx of both Sodium and Potassium ions

**Answer:**



**Watch Video Solution**

5. Which one of the following is not included under in-situ conservation ?

- A. National Park
- B. Wildlife Sanctuary
- C. Zoological Garden
- D. Biosphere Reserve

**Answer:**



**Watch Video Solution**

6. FSH and LH are secreted by .... gland.



**Watch Video Solution**

7. Define endocrine gland.



**Watch Video Solution**

8. Fill in the blanks with correct answer(s):

Urea is synthesized in the \_\_\_ of man.



**Watch Video Solution**

**9. What is Autonomic Nervous System ?**



**Watch Video Solution**

**10. State the function of yolk.**



**Watch Video Solution**

**11. What are Interferons ?**



**Watch Video Solution**



**12. What is criss-cross inheritance?**



**Watch Video Solution**

**13. What is Bee wax ?**



**Watch Video Solution**

**14. What are benign and malignant tumours ?**



**Watch Video Solution**

**15.** State the role of Insulin.



**Watch Video Solution**

**16.** Asexual reproduction



**Watch Video Solution**

**17.** Differentiate between : B-lymphocytes and  
T-lymphocytes



**Watch Video Solution**

**18.** Differentiate between :Renewable and non-renewable resources.



**Watch Video Solution**

**19.** Differentiate between : Herbicides and Pesticides.



**Watch Video Solution**

20. What do you understand by Reflex Action ?



[Watch Video Solution](#)

21. Give an account of the human male reproductive system.



[Watch Video Solution](#)

22. Explain chromosomal theory of sex determination.



**Watch Video Solution**

**23. Write notes on : Diencephalon**



**Watch Video Solution**

**24. Write a note on barrier and surgical method of birth control.**



**Watch Video Solution**

**25. Write notes on : Ozone depletion**



**Watch Video Solution**

**26. Write notes on : Feedback mechanism in hormone action**



**Watch Video Solution**