



# BIOLOGY

## BOOKS - USHA BIOLOGY (ODIA ENGLISH)

### QUESTION PAPER 2013

**Previous Year Question**

1. Which enzyme joins DNA fragments ?



**Watch Video Solution**

2. DNA fragments are :



[Watch Video Solution](#)

3. Which chemical substance takes part in synaptic transmission ?



[Watch Video Solution](#)

4. Hormone \_\_\_\_\_ stimulates corpus luteum of ovary to produce progesterone.



**Watch Video Solution**

5. Fill up the blanks with correct answer(s): \_\_\_  
test is specifically employed to determine the presence of disease causing Salmonella typhi.



**Watch Video Solution**

6. Explain "anmmnotelistu" with example.



[Watch Video Solution](#)

7. Explain erythroblastosis foetalis?



[Watch Video Solution](#)

8. What are the functions of placenta ?



[Watch Video Solution](#)

**9. What is inversion ?**



**Watch Video Solution**

**10. Explain "Immunity theory" of ageing.**



**Watch Video Solution**

**11. Explain the use of anthrax in biowar.**



**Watch Video Solution**

12. What is endoscopy ?



[Watch Video Solution](#)

13. How AIDS can be prevented ?



[Watch Video Solution](#)

14. Differentiate between Conditioned reflex and Unconditioned reflex.



[Watch Video Solution](#)

**15.** Differentiate diabetes mellitus from diabetes insipidus.



**Watch Video Solution**

**16.** Stimulants and Hallucinogens.



**Watch Video Solution**

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



**Watch Video Solution**

**18.** Discuss the structure and function of human heart ?



**Watch Video Solution**



**19.** What is sexlinked inheritance ? Explain inheritance of haemophilia in man.



**Watch Video Solution**

**20.** Give an account of the human male reproductive system.



**Watch Video Solution**

**21.** Write a short note on budding in Hydra.



**Watch Video Solution**

**22. Write notes on : Depolarization and Repolarization**



**Watch Video Solution**

**23. Write the notes on Retina.**



**Watch Video Solution**

24. Write notes on : Leucocytes



Watch Video Solution

25. Which of the following prevents the blood to clot inside vessels ?

A. Prothrombin

B. Calcium

C. Plasminogen

D. Heparin

**Answer:**



**Watch Video Solution**

**26.** Which type / types of cell division occur (s) in cells of testis at different phases of spermatogenesis?

- A. Only meiotic
- B. Only mitotic
- C. Both mitotic and meiotic
- D. Amitotic

**Answer:**



**Watch Video Solution**

27. Which of the following types of sex determination is found in grasshopper ?

- A. XX Female and XY Male
- B. ZW Female and ZZ Male
- C. XX Female and XO Male
- D. XX Male and OX Female

**Answer:**



**Watch Video Solution**