



# BIOLOGY

## BOOKS - USHA BIOLOGY (ODIA ENGLISH)

### QUESTION PAPER 2010

#### Previous Year Question

1. Name the two hormones that inhibit ovulation.



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2. Which antigen / antigens are present on the surface of RBC of a person with AB blood groups?



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3. Name the parasite blocking the lymphatics in human and name the disease caused by this parasite.



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4. Name the cell in the human body destroyed by HIV.



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5. what are the functions of corpora quadrigemina ?



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6. State the functions of hypothalamus.



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7. Explain the phase of maturation in oogenesis.



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8. What are Interferons ?



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**9. How do redicals influence ageing ?**



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**10. What is 'bio-war' ?**



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**11. What are the functions of placenta ?**



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**12.** Write the forensic application of DNA fingerprint.



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**13.** Stimulants and Hallucinogens.



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**14.** Describe the mechanism of urine formation in human body.



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**15.** Explain the chromosomal basis of sex-determination in animals.



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



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**17.** Write notes on : Cardiac cycle



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**18.** Write note on sexually transmitted diseases.



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**19.** Write short notes on : Function of Cerebrum





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



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**21.** Draw neat, labelled, full page diagram : V.S. of human eye



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**22.** In the male reproductive system:



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**23.** Draw a neat, labelled full page diagram:

Internal structure of human heart.



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**24.** which one is an invasive technique ?

A. M.R.I

B. E.C.G

C. CT scan

D.

**Answer:**



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**25.** The tissue affected in sarcoma.

A. Epithelial

B. Muscular

C. Connective

D. J.C.Bose

**Answer:**



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**26.** Which membrane supports the organ of corti ?



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

A. Influx of sodium ion

B. Efflux of sodium ion

C. Influx of both sodium and potassium ion

D. Death

**Answer:**



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28. Which procedure is followed for amplification of DNA?

A. Polymerase chain reaction

B. Southern b

C. autoradiography

D. Progesterone

**Answer:**



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