



BIOLOGY

BOOKS - USHA BIOLOGY (ODIA ENGLISH)

QUESTION PAPER 2014

Previous Year Question

1. Which hormone is secreted by Leydig cells?

A. Vasopressin

B. Gonadotropins

C. Oxytocin

D. Testosterone

Answer:



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2. From which part of spermatid is acrosome formed?

A. Nucleus

B. Mitochondria

C. Golgi bodies

D. Ribosome

Answer:



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3. Which is the infective stage of Plasmodium fulciparum?

A. Sporozoite

B. Trophozoite

C. Cryptozoite

D. Merozoite

Answer:



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4. Which term did Mendel use to denote something in germ cells responsible for transmission of characters?

A. Chromosome

B. Elementle

C. Factor

D. Gene

Answer:



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5. Which one of the following phenomena is involved in the conduction of nerve impulse ?

A. Biochemical

B. Biophysical

C. Electrical

D. Electrochemical

Answer:



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6. The fusion of male and female pronuclei is called



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7. Fill up the blanks with correct answer(s) :

Wildlife Protection Act was enacted in the year ____ by Government of India.



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8. State the significance of crossingover.



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9. How is the AIDS provirus formed ?



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10. What is "Ozone Shield" ?



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11. How is tubectomy effective in birth control ?



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12. How are kidney stones formed ?



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13. What is BOD ?



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14. How does multiple fission occur in Amoeba?



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15. What are the forensic applications of DNA finger printing ?



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16. Distinguish between:Phenotype and genotype



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17. Differentiate between : Active immunity and
Passive immunity



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18. Distinguish between: In-situ conservation
and ex-situ conservation



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19. Differentiate between : Adenohypophysis and Neurohypophysis



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20. Describe the structure and functions of human forebrain.



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21. Give an account of the human female reproductive system,



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22. Explain chromosomal theory of sex determination.



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23. Write the notes on Reflex action.



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24. Write notes on : Innate immunity



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25. Write notes on : Greenhouse effect



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26. Write short note on inheritance of colour blindness in man.



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