



BIOLOGY

BOOKS - USHA BIOLOGY (ODIA ENGLISH)

QUESTION PAPER 2012

Previous Year Question

1. ____ blood group are called universal recipient.



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2. Name the muscles through which chordae tendinae are attached to the ventricular wall.



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3. Which test is conducted to identify HIV ?



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4. Disorder of which endocrine gland leads to Addison's disease ?



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5. Which germ layer forms the nervous system ?



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6. What are immunoglobulins ?



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7. Why are polar bodies formed during oogenesis, but not in spermatogenesis?



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8. In nervous system how grey matter is different from white matter ?



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9. What is Chiasma ?



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10. State the structural significance of human RBC.



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11. DNA finger printing refers to :



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12. What is CT scan ?



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13. What is meant by transgenic animal ?



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





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15. Give an account of the chromosomal basis of sex determination.



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16. Write notes on : Cardiac cycle



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17. Write notes on : Cerebral hemisphere of man



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18. Write notes on : Regeneration



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19. Write a short note on types and causes of cancer.



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



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21. Draw a labelled a diagram of respiratory system of man.



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22. Draw a labelled diagram of male reproductive system.



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23. Write notes on : Leucocytes



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24. On which day of normal menstrual cycle, ovulation occurs?

A. 10th

B. 13th

C. 14th

D. 15th

Answer:



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25. During fertilisation through which path the male pronucleus moves to meet the female pronucleus?

A. Penetration Path

B. Copulation path

C. Migration path

D. Zygotic path

Answer:



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26. What term is used for the graft when transplantation occurs between two unrelated human beings ?

A. Xenograft

B. Autograft

C. Isograft

D. Alograft

Answer:



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27. Which type of chromosomal aberration plays the most significant role in speciation ?

A. Deletion

B. Translocation

C. Inversion

D. Duplication

Answer:



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28. Pavlov demonstrated conditioned reflex in cats.

A. Rat

B. Cat

C. Dog

D. Monkey

Answer:



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