



BIOLOGY

BOOKS - USHA BIOLOGY (ODIA ENGLISH)

QUESTION PAPER 2011

Previous Year Question

1. Which is the largest part of the brain?



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2. Deficiency of which hormone causes diabetes?



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3. Which test is required to diagnose Typhoid?



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4. How many spermatids are produced from a single primary spermatocyte?



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5. In which stages of development three germ layers are formed ?



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6. Mention the origin and importance of T-cells.



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7. Explain 'dialysis'.



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8. What is Rh factor? Write its importance.



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9. What is linkage? mention its Significance.



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10. What is the significance of fertilization ?



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11. What is 'Hypoglycemia'? Is it fatal?



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12. Mention the risk of indiscriminate use of antibiotics.



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13. What is mean by 'biopiracy'?



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14. Discuss the structure and function of human heart ?



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15. What is sex-linked inheritance?



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16. Discuss the sex linked inheritance by taking colourblindness as an example.



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17. Write a note on seminiferous tubules.



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18. Write the notes on Reflex action.



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19. Write the notes on Retina.



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20. What do you mean by back cross and test cross? Explain test cross through an example.



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21. Write the note on Placental.



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22. Draw neat, labelled, full page diagram of Human Ear (schematic diagram)



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23. Draw neat and labelled diagram of ultrastructure of human sperm .



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24. Draw neat, labelled, full page diagram of Vertical section of kidney of man.



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25. Who discovered ECG?

A. Hans Berger

B. Alexander

C. Einthoven

D. J.C. Bose

Answer:



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26. Generally, what is the site of fertilisation in human being? (Vagina, Uterus, Fallopian tube and Ovary)

A. Vagina

B. Uterus

C. Fallopian tube

D. Ovary

Answer:



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27. The study of which one is called 'Gerontology'?

A. Aging

B. Regeneration

C. Growth

D. Death

Answer:



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28. Which secretion is inhibited by alcohol?

A. ADH

B. Insulin

C. Oxytocin

D. Progesterone

Answer:



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29. Which value corresponds to 'Action potential' inside the membrane of a nerve fibre?

A. -60 mV

B. -80 mV,

C. +20 mV

D. +30mV

Answer:



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