



BIOLOGY

BOOKS - USHA BIOLOGY (ODIA ENGLISH)

QUESTION PAPER 2016

Previous Year Question

1. During which stage of oogenesis the number of chromosomes is reduced to half?

A. Formation of first polar body

- B. Formation of second polar body
- C. Meiosis-II
- D. Division of secondary oocyte

Answer:

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2. Which procedure is followed for amplification of DNA?

- A. Southern blotting
- B. Electrophoresis
- C. Autoradiography
- D. Polymerase Chain Reaction

Answer:

Watch Video Solution

3. In which type of chromosomal aberration a submetacentric chromosome may be converted to a metacentric chromosome ?

A. Deletion

- **B.** Duplication
- C. Paracentric Inversion
- D. Pericentric Inversion

Answer:



4. During conduction of nerve impulse, what

causes repolarisation of nerves ?

A. Influx of Sodium inons

B. Efflux of Sodium ions

C. Efflux of Potassium ions

D. Influx of both Sodium and Potassium

ions

Answer:

5. Which one of the following is not included

under in-situ conservation ?

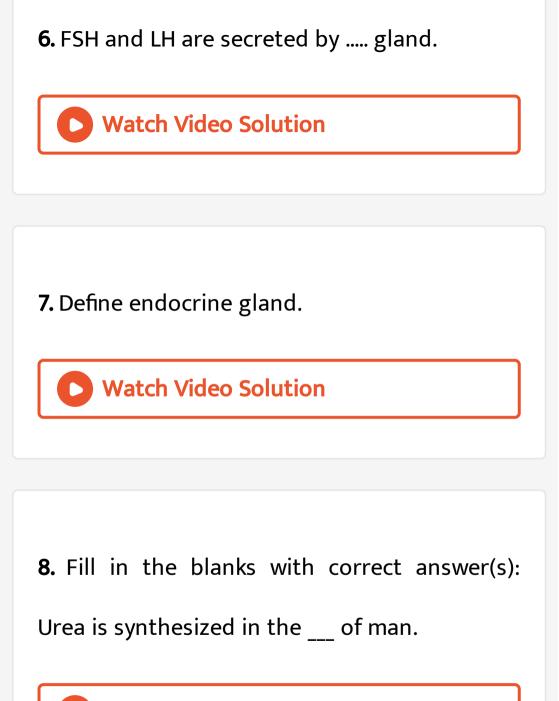
A. National Park

B. Wildlife Sanctuary

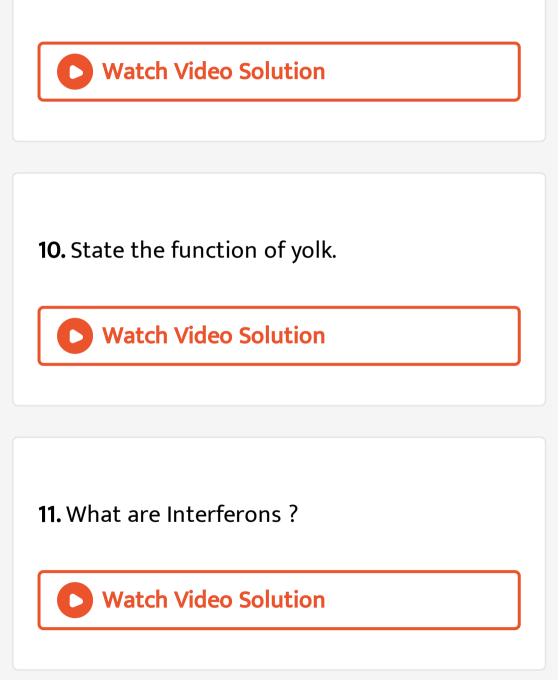
C. Zoological Garden

D. Biosphere Reserve

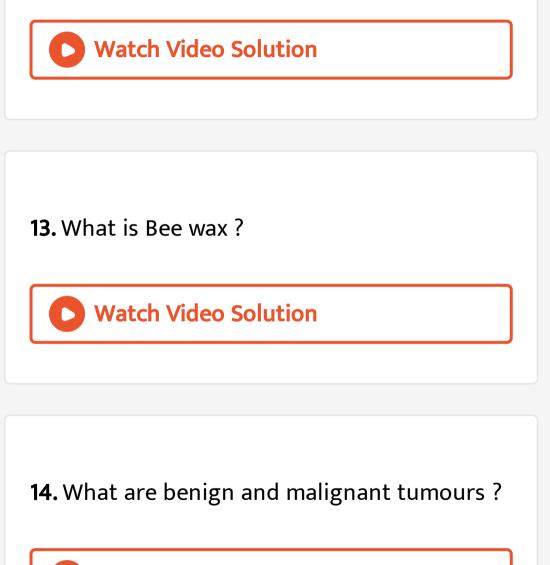
Answer:



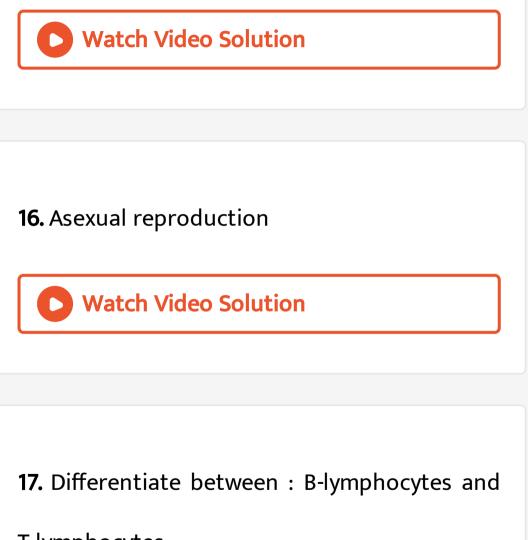
9. What is Autonomic Nervous System?



12. What is criss-cross inheritance?



15. State the role of Insulin.



T-lymphocytes

18. Differentiate between :Renewable and non-

renewable resources.



19. Differentiate between : Herbicides and

Pesticides.

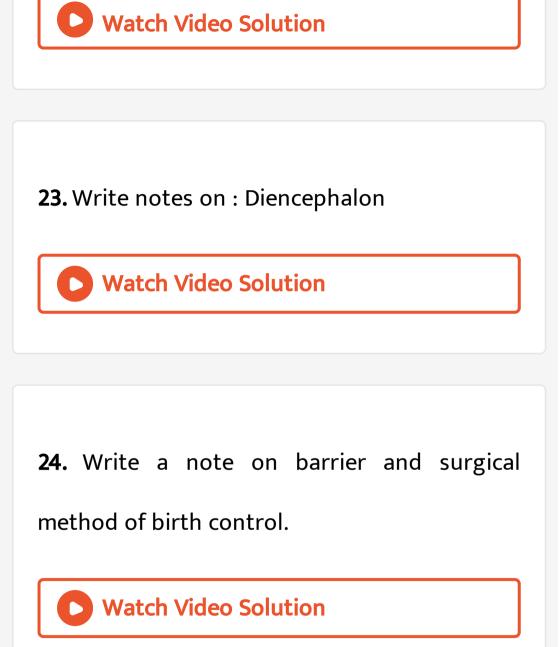
20. What do you understand by Reflex Action ?



21. Give an account of the human male reproductive system.

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22. Explain chromosomal theory of sex determination.



25. Write notes on : Ozone depletion



26. Write notes on : Feedback mechanism in

hormone action