



# BIOLOGY

## BOOKS - SHARAM PUBLICATION

### QUESTION BANK 2014

#### Exercise

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. Nuclear

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. The giant honey bee, yielding maximum  
honey is \_\_\_\_\_

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9. The genotype of a carrier haemophilia is\_\_\_\_\_.



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10. State the significance of crossingover.



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11. How is the AIDS provirus formed ?



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**12.** What is "Ozone Shield" ?



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**13.** How is tubectomy effective in birth control ?



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**14.** How are kidney stones formed ?



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**15.** What is BOD ?



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**16.** How does multiple fission occur in Amoeba?



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**17.** What are the forensic applications of DNA finger printing ?



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**18.** Differentiate between with 3 to 4 important points:

Phenotype and Genotype.



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**19.** Differentiate between with 3 to 4 important points:

Active immunity and passive immunity.



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**20.** Differentiate between with 3 to 4 important points:

In-Situ conservation and Ex-Situ conservation.



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**21.** Differentiate between with 3 to 4 important points:

Adenohypophysis and Neurohypophysis.



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**22.** Describe the structure and functions of human forebrain.



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**23.** Give an account of the human female reproductive system,



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



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**25.** Write the notes on Reflex action.



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**26. Write notes on : Innate immunity**



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**27. Write notes on : Greenhouse effect**



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**28.** Write short note on inheritance of colour blindness in man.



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