



# BIOLOGY

## BOOKS - USHA BIOLOGY (ODIA ENGLISH)

### QUESTION PAPER 2015

#### Previous Year Question

1. Which function (s) is / (are) controlled by corpora quadrigemina?

- A. Auditory reflex
- B. Both vision and olfactory
- C. Both vision and auditory
- D. Heart beat

**Answer:**



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**2. Which is not associated with vasopressin?**

- A. Tubular reabsorption

B. Vaso constriction

C. Diabetes insipidus

D. Diabetes mellitus

**Answer:**



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**3.** Which organ's outer covering is tunica albuginea?

A. Ovary

B. Testis

C. Brain

D. Kidney

**Answer:**



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4. Through which vector is wuchereria bancrofti transmitted ?

A. Aedes

B. Anopheles

C. Tse tse fly

D. Culex

**Answer:**



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5. Which chromosome-linked genes do cause the genetic metabolic Phenylketonuria (PKU)?

A. Somatic recessive gene

B. Somatic dominant gene

C. X-linked gene

D. Y-linked gene

**Answer:**



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6. The hormone ..... stimulates the secretion of milk.



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

L.S.D. is a natural \_\_\_ drug.



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8. How does asexual reproduction take place in sponges?



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9. How AIDS can be prevented ?



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**10.** What is fertilization ? In man, where does it take place ?



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**11.** What is biosphere reserve? Mention its zones.



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**12.** Write the possible causes of female infertility in relation to ovulation.



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**13.** What are the sources of radioactive pollution ?



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**14.** Write the symptoms of Down's syndrome.





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**15.** What are restriction enzymes ? Mention their functions in recombinant DNA technology.



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**16.** Differentiate between : Corpus callosum and corpus luteum.



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**17.** Differentiate between : Insulin and Glucagon



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**18.** Differentiate between binary fission and multiple fission.



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**19.** Differentiate between : Inversion and Translocation



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**20.** Explain the mechanism of conduction of impulses along nerve fibres.



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**21.** What is sex-linked inheritance?



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**22.** What is immunity ? Give an account of cell-mediated immunity.



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**23.** Write notes on : Oogenesis



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**24.** Write notes on :Law of independent assortment



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**25.** Write notes: Biomagnification



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**26.** Write notes : Social life of honeybees



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