



# BIOLOGY

## BOOKS - UNITED BOOK HOUSE

### MP\_02 QUESTION PAPER

#### Exercise

1. Spermatids are transformed into spermatozoa by the process

A. Meiosis

B. Spermatogenesis

C. Spermatosis

D. spermiogenesis.

**Answer:**



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**2. Ramet is**

A. Callus

B. Clone

C. Cloned daughter

D. Group of cells

**Answer:**



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**3. Which is correct information related with  
leydig cells**

A. liver-cholesterol

B. Ovary-oestrogen

C. Testes-testosterone

D. Pancrease-glucagon

**Answer:**



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**4. Sexual reproduction causes**

A. Genetic recombination

B. Euploidy

C. Aneuploidy

D. Ployploidy

**Answer:**



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**5. Menosomic & Trisomic situations are -**

A.  $n, n+1$

B.  $2n+ 1, 2n +3$

C.  $2n-a, 2n - 2$

D.  $2n - 1, 2n + 1,$

**Answer:**



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**6. Gene responsible for human skin colour is -**

A. Polygenic

B. Monogenic

C. Multiple allele

D. sex linked

**Answer:**



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7. Connecting link between Annelida & Mollusca is -

A. Veliger larva

B. Glachidium larva

C. Neopillina

D. Nautilus

**Answer:**



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**8. Which is not correct ?**

A. Syphilis - *Trichuris trichiura*

B. Dengue fever-Adeno virus

C. Plague - *Yersinia pestis*

D. Sleeping sickness-*T. gambiense*.

**Answer:**





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9. Which blood transfusion is correct ?

- A. Hepatitis & AIDS
- B. Diabetes & Malaria
- C. Hey fever& AIDS
- D. Cholera & Hepatitis.

**Answer:**



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10. Genetic engineering is not possible without -

A. RNA synthetase

B. DNA Ligase

C. Reverse transcriptase

D. DNA polymer.

**Answer:**



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11. Antibiotics prevent the growth of -

A. bacteria, algae & virus

B. bacteria, fungi & virus

C. Bacteria & virus

D. bacteria & fungus.

**Answer:**



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12. The animals cannot tolerate change of salinity -

- A. Euryhaline
- B. Thermocline
- C. Stenohaline
- D. Anadromous.

**Answer:**



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13. Both are benefited when live together -

A. Proto-cooperation

B. Mutualism

C. commensalism

D. Epiparasite.

**Answer:**



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14. The elements of smog are -

A. PPN & PBN

B.  $O_3$

C. PM

D. b & c both.

**Answer:**



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**15.** write the function of leyding cells.



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**16.** Ovum is discharged in which phase of menstrual cycle.



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**17.** What is point mutation?



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**18.** How many barr bodies are present in XXXX female body.



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**19.** What is Loffer's syndrome?



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**20.** Moving freshwater ecosystem is known as

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**21.** What do you mean by Reservoir pool & cyclical pool.



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**22.** Define cloning vector. Give example.



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**23.** Reverse transcriptase is used for which purpose?



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24. What do you mean by explant & callus.



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25. Define genetic drift?



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26. What is chromosomal aberation?



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27. Write two primary causes for over population.



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28. Define : Perianth and Perigone.



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**29.** What is polyembryony? Where it is found.



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**30.** Differentiate between apocarpous & syncarpous with example.



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**31.** What do you mean by minor and major thalassemia?



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**32.** State the characteristics of cardiac muscle and write two differences with that of voluntary muscles.



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