



BIOLOGY

BOOKS - UNITED BOOK HOUSE

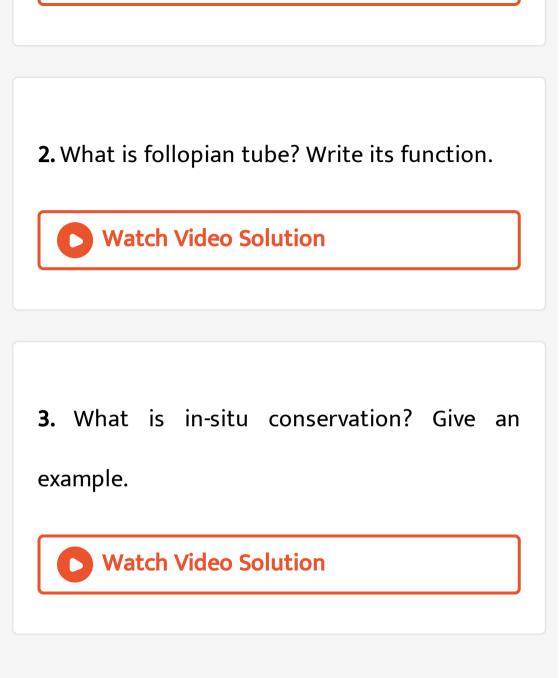
MP_12 QUESTION PAPER



1. State two characteristic of amemophilous

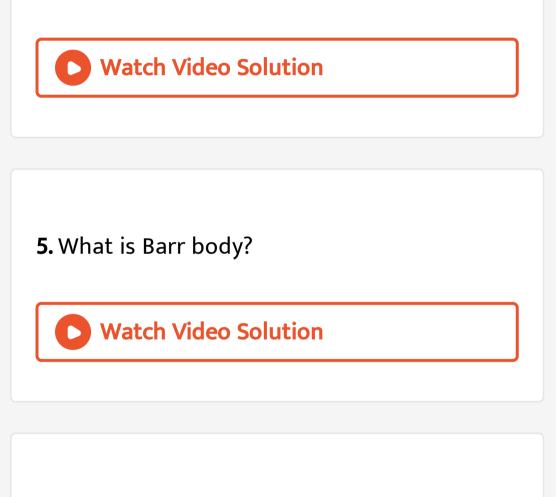
flower.





4. Write two differences between complete

linkage and incomplete linkage.



6. Name two beneficial uses of biogas.

7. What is Bio-piracy? Name a fungal disease in

case of fish.



8. Differentiate between habitat and niche.



9. What is amniocentesis? What are its

significnace?

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10. What is hybridization? Mention the ways by

which emasculation is done.



11. Write down the significance of micropropagation. What is SCP?
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12. Mention any three properties of Genetic code.



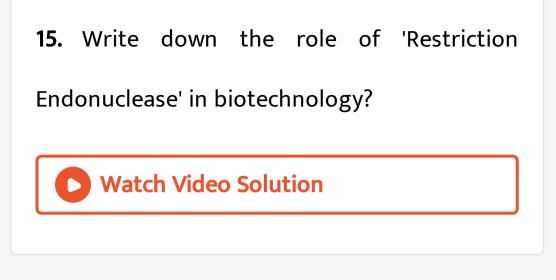
13. What is the scientific name of Rock bee. Give the mathod of sexdetermination in honey-bee.



14. Write any name of a disease of foul with

symptoms and remedies.





16. What is monoclonal Antibody? Differences

between T-Lymphocytes and B-Lymphocytes.

17. Define plasmid clonal vector. Thalassemia occurs through which type of gene mutation?

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18. Mention the role of Gene-flow in evolution.
Mention two main characteristics of genetic drift.

19. Describe the initiation phase of DNA Replication.

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20. Mention three types of RNA and their functions.



21. What do you mean by aggressive mimicry

and protective mimicry?

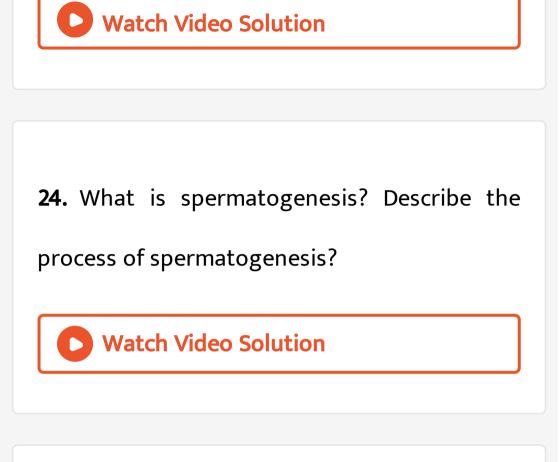
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22. What is productivity?

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23. Describe the different stages of ecological

succession.



25. What are Sertoli cell and mention its function.

26. Give evidences in favour of chromosomal

theory of inheritance. What is DNA packaging?



27. Describe the experiment of Avery and his co-workers to prove DNA as the genetic material. What are Lac-operon and HGP?

28. What is biological magnification? Write two effects of radio-active pollution on human health.



29. Reproduction through conidia occurs in -

A. Pencillium

B. Agaricus

C. Mucor

D. Rhizopus

Answer:

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30. Cross pollination occurs within the same species of different plant is known as -

A. 1.Autogamy

B. 2.Geitonogamy

C. 3.Xenogamy

D. 4.Hybridism.

Answer:

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31. Ancient ancestor of modern man is -

- A. Ramapithecus
- B. Dryopithecus
- C. Australopithecus
- D. Sivapithecus





32. Corpus luteum secretes -

- A. LH
- B. FSH
- C. Estrogen
- D. Progesterone





33. VAM is an

A. Ectomycorrhiza

- B. Endomycorrhiza
- C. Ectendomycorrhiza
- D. All of these

Answer:



34. Which one is not a green house gas -

A. 1.CFC

$\mathsf{B.}\,\mathsf{2.}CO_2$

C. 3. NH_3

D. 4. H_2

Answer:

35. Exception to Mendelian principle is/are -

A. 1.codominance

B. 2.Linkage

C. 3.incomplete dominance

D. 4.All of these

Answer:

36. The infective stage of Plasmodium sp for

human is -

A. merozoite

B. sporozoite

C. hypnozoite

D. ookinete

Answer:

37. Which is the first national park in India?

A. 1.Corbett

B. 2.Bandipur

C. 3.Kanha

D. 4.Periyar.

Answer:



38. Pyramid that is never inverted -

A. Energy

B. Mass

C. Number

D. Size

Answer:

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39. Golden rice is rich in -

A. 1.Vitamin B

B. 2.Vitamin A

C. 3.Both A & B

D. 4.None of these

Answer:

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40. Which one is a chromosomal aberration? -

A. 1.Monoploidy

B. 2.Inversion

C. 3. Tetrasomy

D. 4.Double trisomy.

Answer:

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41. Antiviral antibodies as -

A. Lymphokines

B. Interferon

C. Antibody

D. Antitoxin

Answer:

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42. The codon AUG is -

A. 1.Ochre

B. 2.Initiation codon

C. 3.Amber

D. 4.Termination codon





43. Name the organism responsible for Filaria

disease.

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44. What is Apomixis ?

45. From where H.C.S. is secreted?



46. What is biosphere reserve? Give one example.

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47. What do you mean by Holandric gene?



48. Define totipotency.