



BIOLOGY

BOOKS - UNITED BOOK HOUSE

MP_14 QUESTION PAPER



 In case of grafting, stock & scion are attached -

- A. xylem to sylem
- B. cambium to cambium
- C. pith to pith
- D. phloem to phloem

Answer:

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2. Clone bacteria is formed by the process of -

A. Transduction

B. Transformation

C. Conjugation

D. Binary fission

Answer:

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3. Which of the following pollination process is

caused by heterozygocity? -

A. 1.Geitonogamy

B. 2.Cleistogamy

C. 3.Xenogamy

D. 4.Autogamy.

Answer:

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4. Disease caused by XXY chromosome abnormalities -

A. Klinefelter's syndrome

- B. Turner's syndrome
- C. Down syndrome

D. AIDS.

Answer:

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5. Cause of sickle cell anemia is -

A. Chromosomal mutation

B. Point mutation

C. Substitution mutation

D. Frame shift mutation.

Answer:

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6. Which one is nosense or terminal codon -

A. CCC

B. GCG

C. UUU

D. UAG/UAA.

Answer:

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7. Okazaki fragments form -

A. Master strand

B. Leading strands

C. Laggging stands

D. Sense strands.

Answer:



8. Which os the following diseases causes more child death -

A. Tuberculosis

B. Malaria

C. Filariasis

D. Ascariasis





9. Water born disease is -

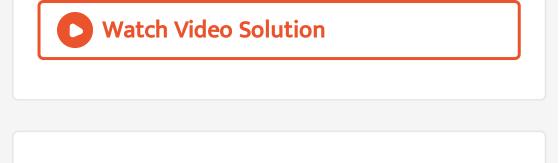
A. Cancer

B. Hepatitis

C. Small pox

D. Hydrophobia

Answer:



- 10. Agricultural Technology is related with -
 - A. Transformation
 - **B. DNA replication**
 - C. Plant breeding tissue culture.
 - D.

Answer:



11. Which reagent is used in ELISA?

A. Polymerase

B. Ligase

C. Peroxidase

D. Endonuclease.

Answer:

12. In absence of leaves, photosynthesis in

xerophytes is done by -

A. 1.Stem

B. 2. Pneumatophore

C. 3.Scale leaf

D. 4.Root

Answer:

13. Most permanent ecosystem is -

A. Forest

B. Ocean

C. Desert

D. Hill.

Answer:



14. Detritus food chain is started from -

A. 1.Virus

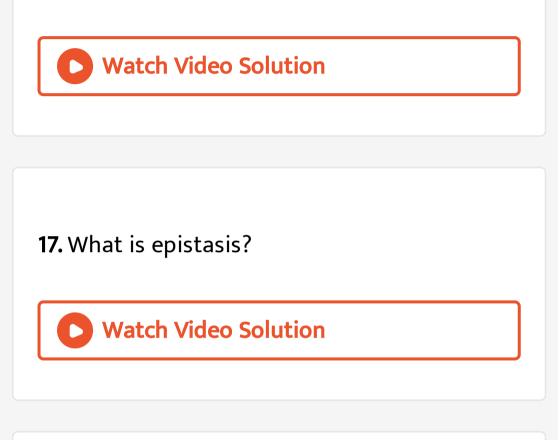
- B. 2.Protozoa
- C. 3.Algae
- D. 4.Bacteria.

Answer:

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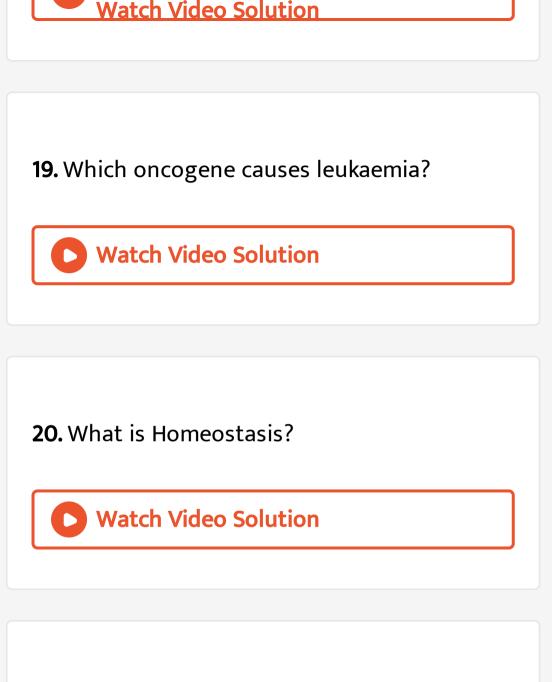
15. What do you mean by apocarpus carpel?

16. Define synandrous stamen.



18. Name one protozoa causing Amoebiasis

disease.



21. What is campylotropous ovule?





22. Define : Deletion in chromosomal

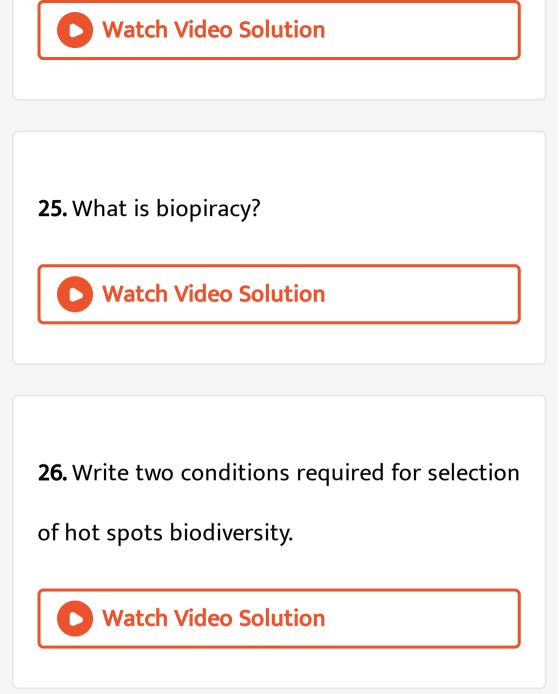
abberration.

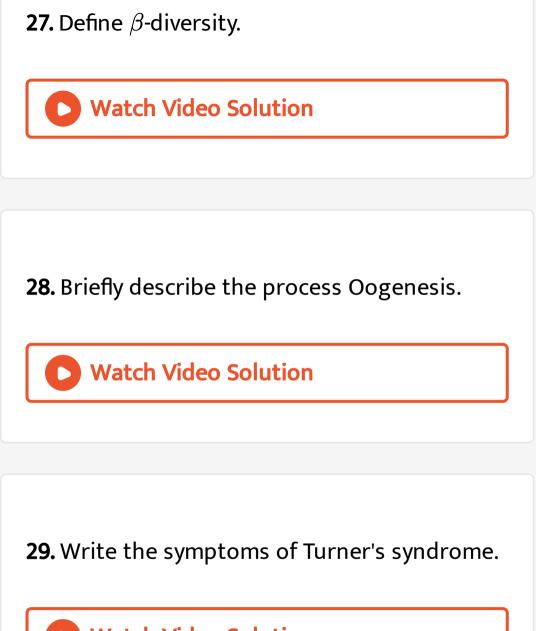
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23. Define - Trisomy and Nalisomy.

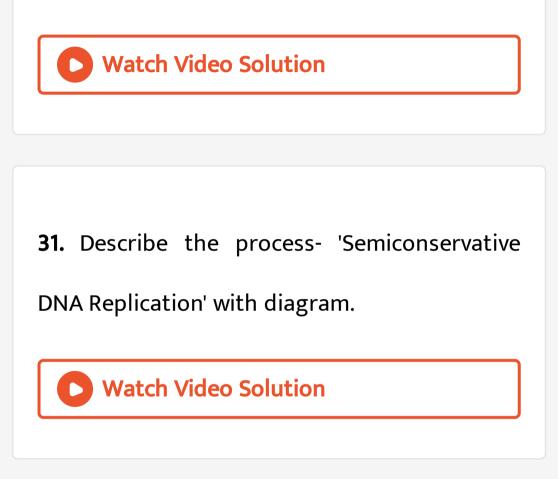


24. What do you mean by hypophysation?





30. Write the symptoms of Down's syndrome.



32. What is composite fish culture? Write the

advantage of composite fish culture.



33. What do you mean by Totipotency and Pleuripotency?

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34. What is mycorrhiza? State different types

of mycorrhiza with example.

35. Define pest. State biological control for

pest.



36. What is biofortification? State the utility of

it.



37. Write the advantages and disadvantages of

patent.

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38. What is transgenesis? Describe the process

of microinjection applied i biotechnology.

39. Briefly describe the Energy flow in Ecosystem.
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40. Name the different types of foodchain and

give example of each type.



41. State the structure of a typical sperm of

human with a proper diagram.



42. What is infertility? Write the causes of

infertility of male and female of human.



43. State how DNA replication is occurred with the explanation of replication fork SSB protein and associated enzymes with a proper diagram.

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44. Briefly describe the ancestors of modern

man and their main features.

45. What is algal boom? Write a short note on

Chipko movement.

