



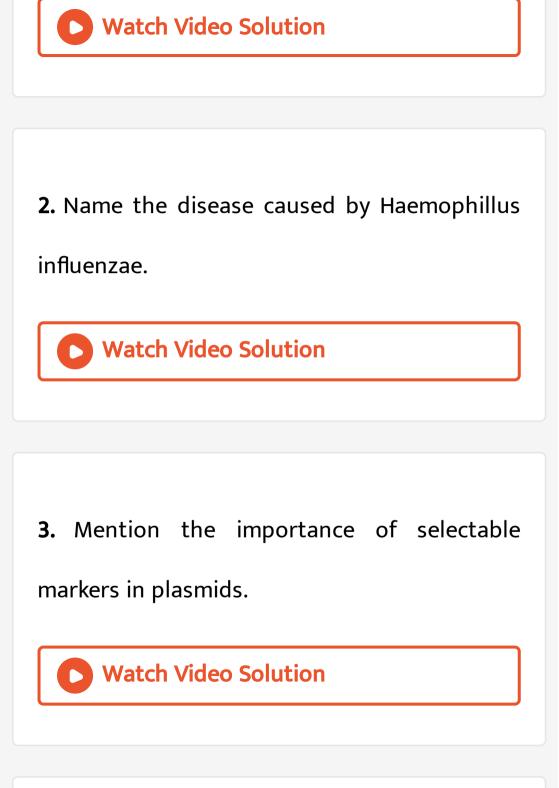
BIOLOGY

BOOKS - SUNSTAR BIOLOGY (KANNADA ENGLISH)

II PUC BIOLOGY SUPPLEMENTARY EXAM QUESTION PAPER JULY - 2018



1. Define Menarche.



4. Which is the fish eaught in South Africa in

1938, which was thought to be extinet?



5. Name the hormone released by the ovary in

the later phase of pregnancy.

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6. Why meristems are preferred in tissue?





7. Mention the type of Antibody present in the

colostrum.

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8. Why mammals of colder elimate generally

have shorter ears and limbs?

9. Where is ozone layer present? Name the

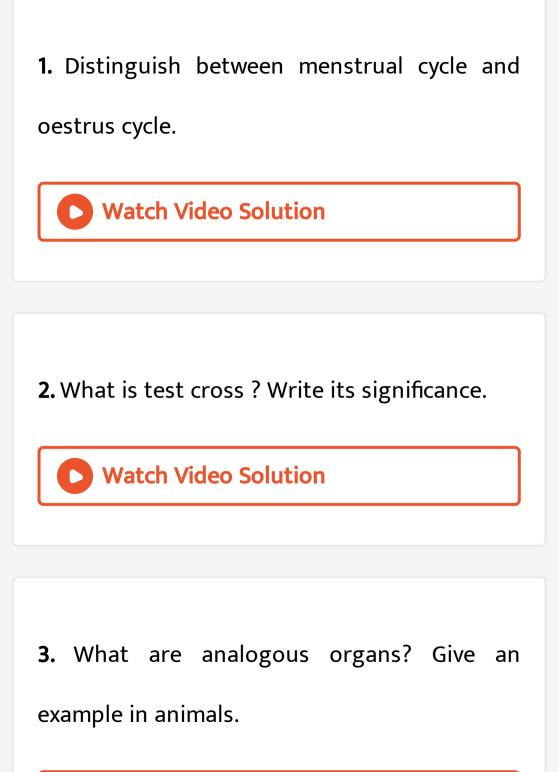
unit used to measure ozone layer thickness.



10. Mention the commercial importance of

Monascus pupureus.





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5. Draw a neat labelled diagram of structure of

an antibody.

6. What are palindromic nucleotide sequences

? Write the restrictions site for Eco - RI enzyme.



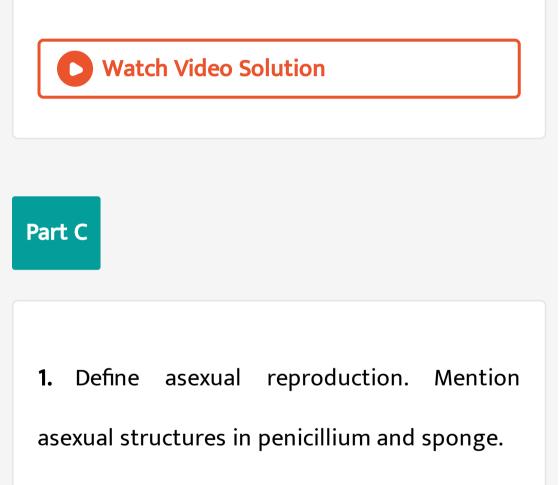
7. Name any two species which have become

extinct due to over exploitation.



8. What are sacred grooves? Name any two

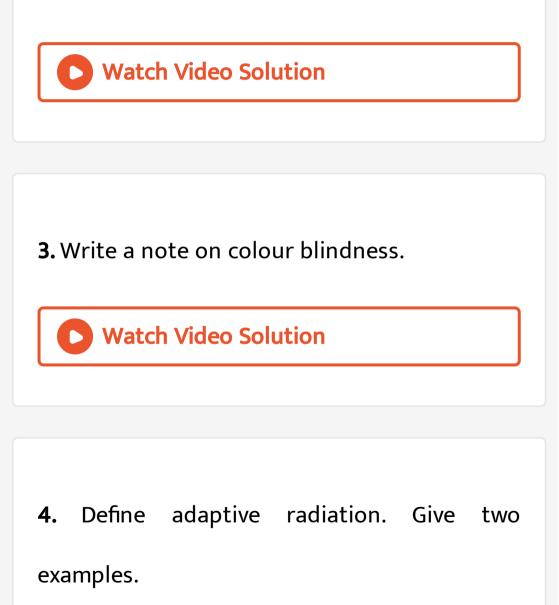
sacred grooves of India.



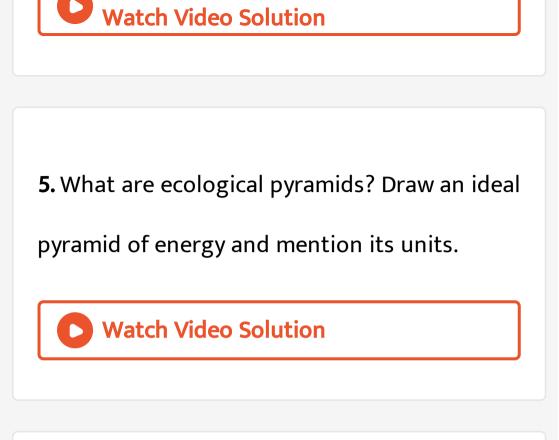


2. Draw a neat labelled diagram of a typical

Anatropous ovule of angiosperms.







6. What is biopsy test? Mention any two

techniques of cancer detection and diagnosis.

- 7. Write the important use of the following, in
- r- DNA technology
- A) P.C.R
- B) Ethidium bromide.
- C) Bioreactor

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8. Describe the process of primary succession

on bare rocks.

1. A) What are false fruits? Give an example.

B) Write the characteristie features of insect

pollinated flowers.

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2. Draw a neat labelled diagrammatic view of

human male reproductive system.

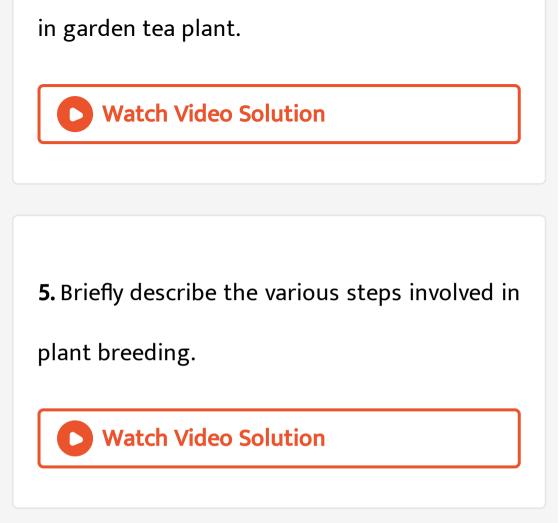
3. A) Explain the following assisted reproductive technologies :

- I) IVF-ET
- II) ZIFT
- III) ICSI

B) Name any two hormone producing IUD's.



4. Explain the law of independent assortment with reference to seed shape and seed colour



6. A) Mention the chemical linkages between

the components of DNA.



7. What are Euchromatin and

Heterochromatin? Where are they found?

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Part D Section li

1. What are VNTR's? Mention the steps to detect VNTR's in identifying criminals in forensic investigations.



Draw a neat labelled diagram of a typical
Biogas plant.

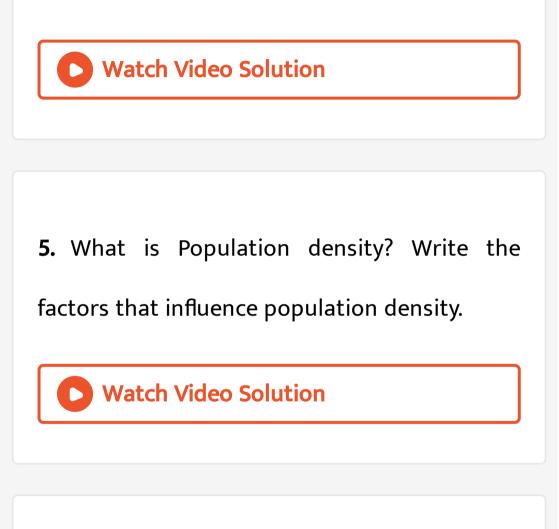
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3. B) Mention the beneficial role of anaerobic

bacteria in secondary sewage treatment.

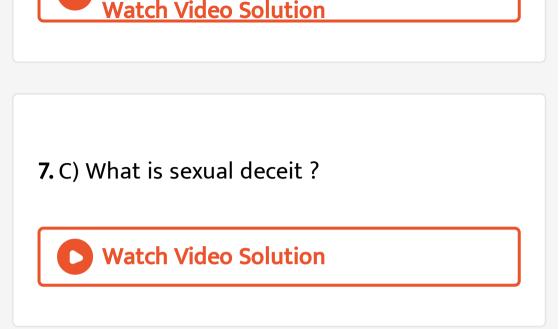


4. List the benefits of transgenic plant.



6. What is exponential growth?Draw a graph

showing exponential growth curve.



- **8.** Write a short note on the following :
- (a) Green bouse gases (b) Catalytic converter
- (c) Ultra-violet B (d) Ozone layer
- (e) Electrostatic precipitator.