



BIOLOGY

BOOKS - FULL MARKS BIOLOGY (TAMIL ENGLISH)

SAMPLE PAPER -2 (SOLVED)

Bio Botany Part I

1. Which of the following is a coprophilous

fungi?

A. Albugo

- B. Entomophthora
- C. Rhizopus
- D. Pilobolus

Answer:

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2. Which one of the following statements is

wrong?

A. Cyanobacteria are also called blue-green

alge

B. Gloden algae are also called desmids

C. Eubacteria are also called fase bacteria

D. Phycomycetes also called algal fungi

Answer:

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3. After fertilization.modifies into seed.

A. ovary

B. ovule

C. carpel

D. stigma

Answer:

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4. DNA bar coding was introduced by

A. Stebbins

B. Hebert

C. Camp & Gilly

D. Darwin

Answer:

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5. Which is the largest of the internal membranes?

A. Golgi bodies

B. Endoplasmic reticulum

C. Tonoplast

D. Nuclear membrane

Answer:

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A. Chlorophyll b

B. Chlorophyll c

C. Chlorophyll d

D. Chlorophyll e

Answer:

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7. The term Auxin was coined by

A. Kogl. Smith

B. Darwin

C. F.W. Went

D. Kurosawa

Answer:

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8. ABA stands for

A. Abscisic acid

B. Ascorbic acid

C. Acetyl Butyric Acid

D. Acetic acid

Answer:

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Bio Botany Part li

1. What do you understand by "pinning " of

phage?

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2. Brown algae is charaterisied by the presence

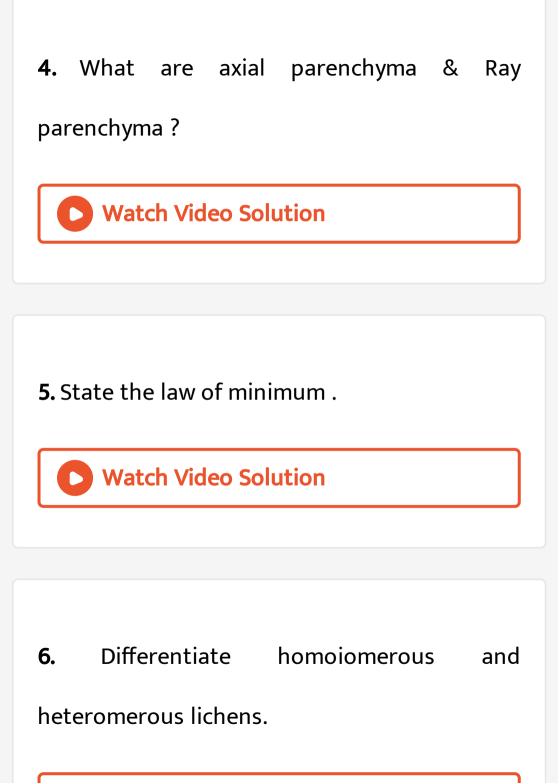
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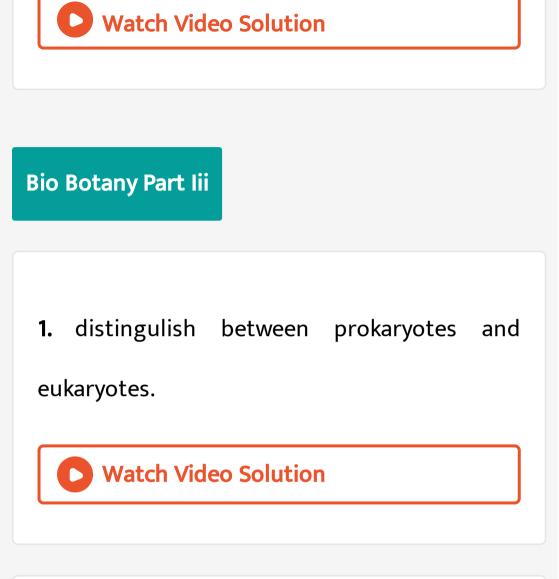


3. Compare the stem nature of Corm and

Rhizome



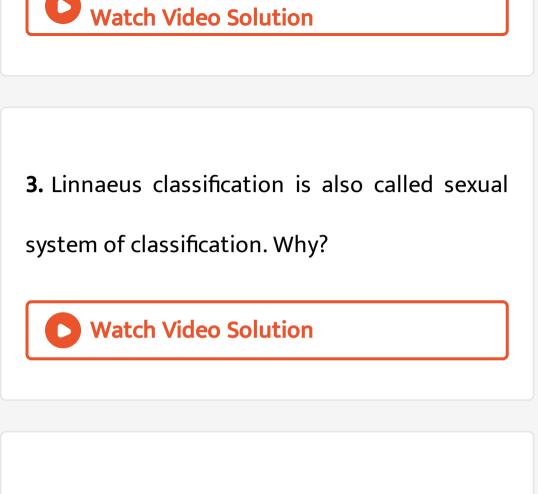




2. Which types of plants develop tendril ? How

does it helps the plant ?

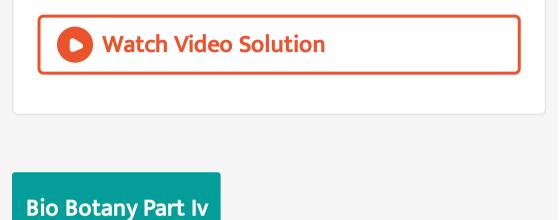




4. Draw a labeled diagram of T.S. of Dicot leaf.

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5. Why TCA cycle is called so ?



1. Draw a flow chart depicting the classification

of fruits.

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2. Explain Ganong's Potometer experiment and

its purpose.

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Bio Zoology Part I

1. Which class of protozos is totally parasitic?

A. Sporozoa

B. Mastigophora

C. Ciliate

D. Sarcodina

Answer:



2. Linmulus belongs to class

A. Orychophora

B. Insect

C. Merostomata

D. Crustacea

Answer:

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- 3. Match the list I and list II :
- Branch of Science Fi 1. Mycology (i
 - 2.Omithology
 - 3. Herpetology
 - 4. Lethylogy

- Field of Study
 - (i) Study of birds
 - (ii) Study of reptiles
 - (iii) Study of fishes
 - (iv) Study of fungi

A. 1 - (iv),2 - (i), 3-(ii), 4 - (iii)

D. 1 - (i), 2 - (ii), 3 - (iv), 4 - (iii)

Answer:

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4. EDV stands for

A. End digestion volume

B. End diastolie volume



D. End digestion valve

Answer:

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5. Which of the following is an correct statement ?

A. Vascular disease - A portion of the aortic

wall weakens and balloons out, forming

an areurysm.

B. Arrhythmia is a condition in which the heart beats irregularly. C. Coronoray heart disease - An inflammation of one or more layers of the pericardium a thin membrane that lines the heart. D. Heart failure - blocked or clogged arteries linut blood flow to the heart.





6. What are the bones that make the pelvic girdle?

- A. Body skeleton
- B. External skeleton
- C. Axial skeleton
- D. Appendicular skeleton

Answer:





7. Ca^+ Metabolism is regulated by

A. ACTH

B. Thyroxine

- C. Parathyroidrmone
- D. Epinephrine

Answer:

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1. Why are molecular tools used now to study

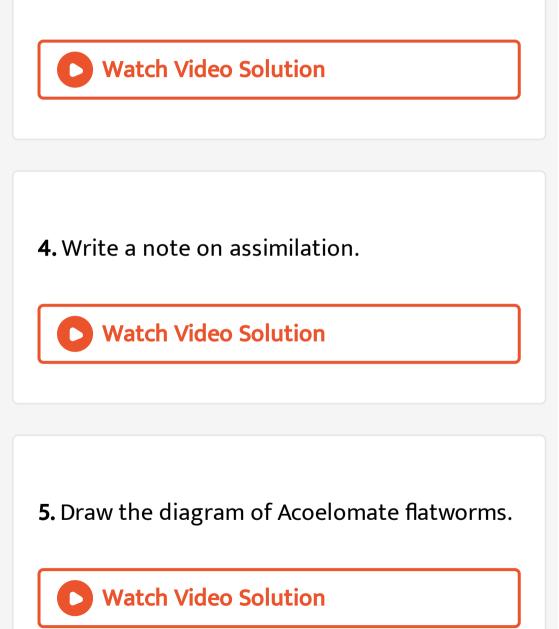
taxonomy?

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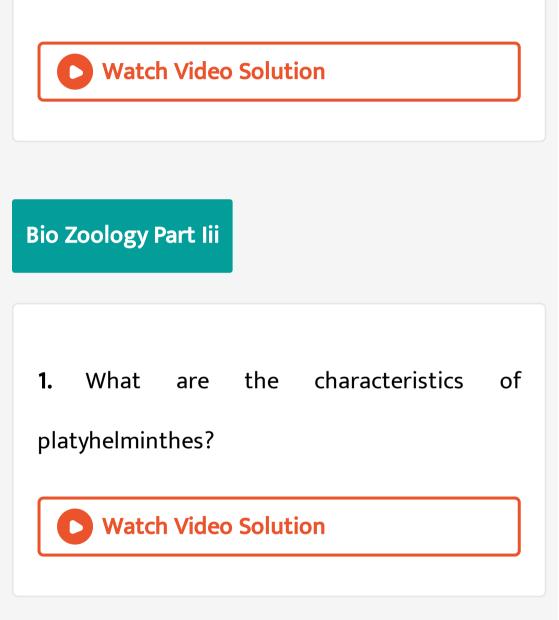
2. What is biradial symmetry?

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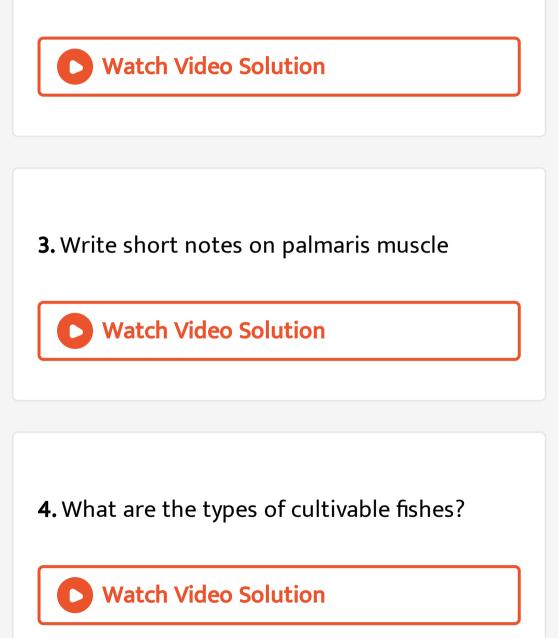




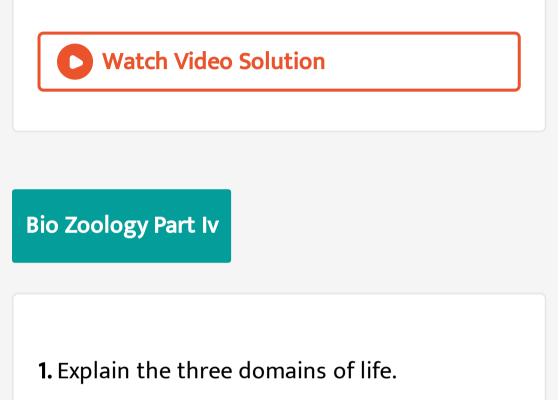
6. What is amoeboid movement?



2. Distinguish between true ribs and false ribs.



5. Name the stages of metamorphosis in frog.



OR

Write an essay on Neural tissue. Draw the

diagram and label the parts.

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2. Tabulate the major hypothalamic hormones

and their functions.

