



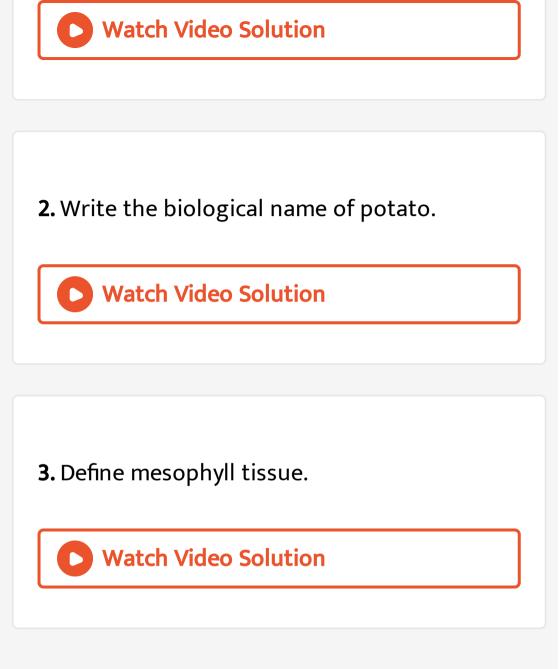
BIOLOGY

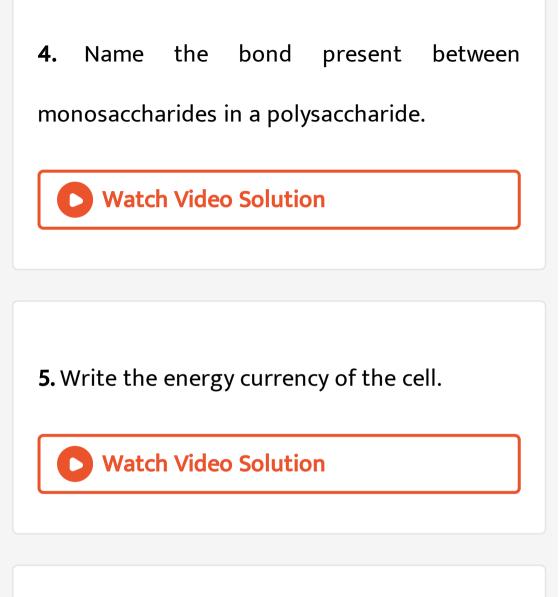
BOOKS - SUPER COMPANION 5 IN 1

ANNUAL EXAMINATION QUESTION PAPER MARCH - 2014 (SOUTH)



1. In which group of algae, red pigment r - phycoerythrin is present ?





6. Define imbibition.

7. Define hydrophonics.

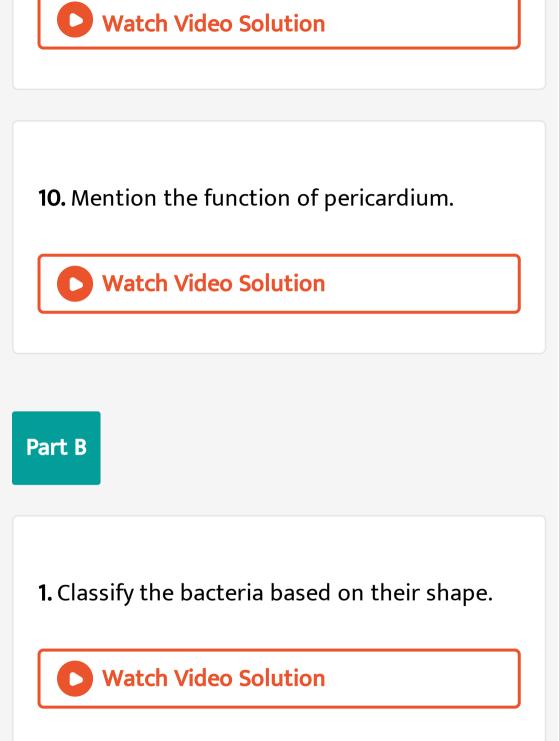
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8. Mention the normal blood pressure in

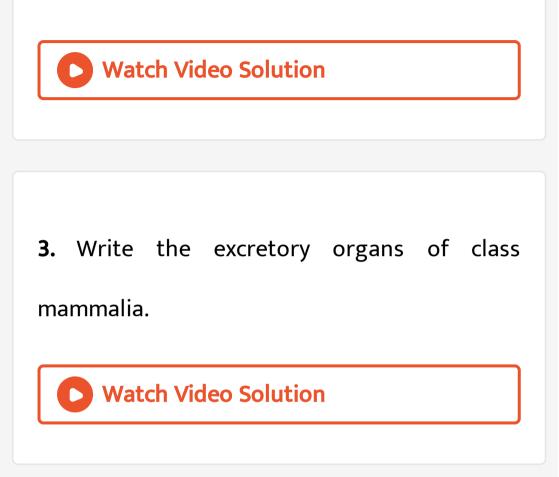
human.

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9. Where is the pituitary gland located ?



2. Write the excretory organs of Arthropods.



4. Write shote note on epithelial tissue.

5. Give any four examples for secondary metabolites.



6. Mention any four forms of essential nutrient

elements.

7. List the different types of valves present in

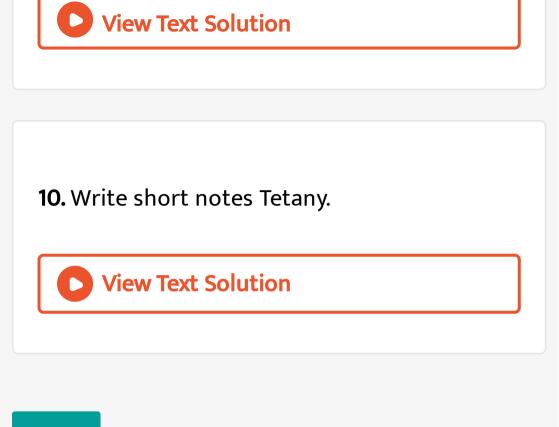
human heart.

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8. Write any four characters of skeletal muscles.



9. Write short notes Gout.



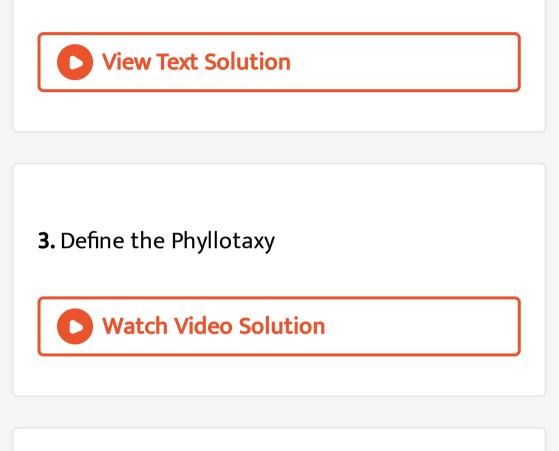


1. Who proposed five kingdom classification ?

Write the names of five kingdoms.

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2. Define the Hypogynous flower



4. Define the Venation

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5. Explain the structure of Stomata.



6. Classify the chromosomes based on the

position of centromere.

7. Show the diagramatic representation of

exchange of gases between alveoli and blood.

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8. Discuss briefly the functions on PCT, benle's

henle's loop and DCT.



1. State Blackmann's law of limiting factors ?

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2. Answer the following.

Discuss the various factors affecting the

photosynthesis.

Give the schematic representation of glycolysis?
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4. Draw a labelled diagram of Alimentary canal

system of cockroach .



5. What are auxins ? List any four applications

of auxins.

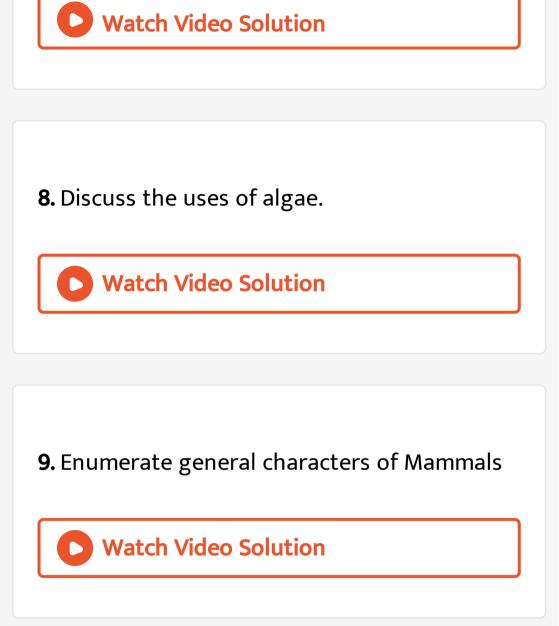
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6. Explain apoplastic and symplastic pathways

of watermovement in roots.



7. Draw a labelled diagram of a neuron



10. Explain the structure of mitochondria with

a neat labelled diagram.

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11. Describe the various stages of prophase I of

meiosis I.



12. Discuss the role of pancreatic hormones in

regulation of blood glucose level.