

SIR CV RAMAN COACHING CENTRE IDAPPADI,SALEM**X SCIENCE BIOLOGY UNIT -13 ,SLIP TEST****TOTAL MARK : 25 M****CHOOSE THE CORRECT ANSWER (5 X 1= 5 M)**

1.Casparian strips are present in the _____ of the root.

- a) cortex b) pith c) pericycle d) endodermis

2. The xylem and phloem arranged side by side on same radius is called _____

- a) radial b) amphivasal c) conjoint d) None of these

3. Kreb's cycle takes place in

- a) chloroplast b) mitochondrial matrix
c) stomata d) inner mitochondrial membrane

4. Oxygen is produced at what point during photosynthesis ?

- a) when ATP is converted to ADP b) when CO₂ is fixed
c) when H₂O is splitted d) All of these

5. Which is formed during anaerobic respiration

- a) Carbohydrate b) Ethyl alcohol
c) Acetyl CoA d) Pyruvate

ANSWER ANY FIVE QUESTIONS (5 X 2= 10 M)

6. Give an account on vascular bundle of dicot stem.

7. Write a short note on mesophyll.

8. Draw and label the structure of oxysomes.

9. Name the three basic tissues system in flowering plants

10. What is photosynthesis and where in a cell does it occur?

11. Why should the light dependent reaction occur before the light independent reaction?

12. Write the reaction for photosynthesis?

ANSWER ANY TWO QUESTIONS (2 X 5 = 10M)

13. How does the light dependent reaction differ from the light independent reaction? What are the end product and reactants in each? Where does each reaction occur within the chloroplast?

14. Describe and name three stages of cellular respiration that aerobic organisms use to obtain energy from glucose.

15. Differentiate the following

a) Monocot root and Dicot root b) Aerobic and Anaerobic respiration

PREPARED BY

DR.G.THIRUMOORTHY,M.SC,B.ED,PH.D (PHYSICS)

GOVT ARTS COLLEGE (A) SALEM -7

8610560810,,,,,

www.Padasalai.Net