

DELHI PUBLIC SCHOOL
Assignment (Session 2021-2022)
Month: December

Class XI

Subject Biology

Topic: Respiration in Plants & Plant growth and development

Based on your understanding of the e-lecture-cum-ppt's, video links and other e-resources shared with you, answer the following questions:

- Q1: What do you mean by cellular respiration? Explain glycolysis. (5)
Q2: Differentiate between respiration and breathing. (3)
Q3: Explain why respiration is an amphibolic process. (2)
Q4: What do you mean by respiratory quotient? What is RQ of fat and proteins? (3)
Q5: How does gaseous exchange occur in plants? (2)
Q6: Explain kreb cycle. (2)
Q7: List some important functions of auxins and cytokinins. (2)
Q8: Which is the gaseous plant hormone. (1)

You-tube links:

1. <https://www.youtube.com/watch?v=rvaro5V89nE>
2. <https://www.youtube.com/watch?v=T7iG7Wb0czY>
3. <https://www.youtube.com/watch?v=C8VHyezOJD4>
4. <https://www.youtube.com/watch?v=8qjj1m7XUhk>

Note:

1. Due date of submission 30th December 2021
2. Send your answers here: balbirbalio2@yahoo.co.in
3. Students must mention their names, class/section and date in their assignments.
4. Your assignments will be marked for internal/term assessment. Therefore, it is necessary for you to submit it on time.