

Girls' High School & College-Prayagraj
Session 2020-21
Class 9 A,B,C,D,E
Subject-BIOLOGY

Assignment 3

INSTRUCTIONS FOR THE E-LEARN ASSIGNMENT - The parents to ensure that their ward watches the video instructions for their assignment by clicking on the given links:

Video 1-https://youtu.be/_JhOUWGimSs

Video 2- <https://youtu.be/7aZ5qXcGWC0>

She should revise the lesson given in the book and then work on the assignment. The completed assignment is to be downloaded and filed / pasted in the subject file / copy and kept ready for submission. The day, date and procedure of submission shall be notified later.

NAME OF THE CHAPTERS:

Chapter 5- Structure and Germination of Seeds

Chapter 6- Respiration in plants

Answer the following questions:-

Q1 Name the following:

- a) The outer protective covering of the seed.
- b) The energy currency of the cell.
- c) A stage in the growth of a plant from a seed.
- d) Breathing roots found in mangroves.

Q2 Give two important differences between the following:-

- a) Respiration and photosynthesis.
- b) Epigeal and hypogeal germination.

Q 3 State the functions of the following parts of a seed:

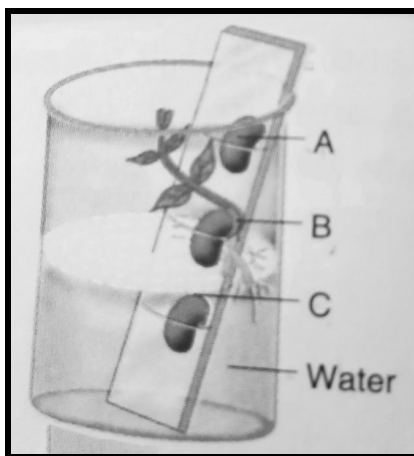
- a) Seed coat
- b) Micropyle

c) Radicle

Q4 Answer the following questions briefly:

- Write a balanced equation of aerobic respiration.
- Write the full forms of 'ATP' and 'ADP.'
- What is vivipary?

Q5 This experimental setup was kept in a warm place for two days. Observe and answer the questions that follow-



- What changes would you observe in seeds A, B and C ?
- Give a reason for your answer in a).
- What do you conclude from this experiment ?

Q 6 Draw a neat labelled diagram of the L.S. of a maize grain.

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