

CLASS 9
SA1 ASSIGNMENT(2014-15)
BIOLOGY

- Q1. Name the main substance of which the cell wall is composed of.
- Q2. State the role of photoperiod in crop production.
- Q3. Name the plastids which have chlorophyll.
- Q4. Which cell organelle would you associate with elimination of old and worn out cells?
- Q5. Name the chemical substance which gets deposited in the walls of Sclerenchyma.
- Q6. Mention the significance of meristems in plants.
- Q7. State the ways in which phloem is functionally different from Xylem.
- Q8. Which two factors bring about loss of food grains during storage? Give one example each.
- Q9. Mention three different ways in which crop plants can be attacked by insect pests. Also suggest one control measure and two preventive measures against pests.
- Q10. Write three distinguishing features between cells of meristematic and permanent plant tissues.
- Q11. (a) Write two points of difference between nuclear region of a bacterial cell and nuclear region of an animal cell.
- (b) Which structure present in the nuclear region of a living cell bear genes ?
- Q12. (a) What do the terms 'macronutrients' and 'micro-nutrients' signify ?
- (b) Briefly describe the formation of vermicompost and green manure.
- (c) List two advantages of using manure for nutrient management.
- Q13. Ajay, an illiterate farmer does not understand the difference between manure and fertilizers. Help him to differentiate between the two, in terms of their composition.
- (a) Justify the use of manure highlighting two of its advantages.
- (b) Mention one drawback of excessive use of fertilizers.

CLASS 10
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BIOLOGY

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