

FIRST MID TERM EVALUATION JULY : 2016 -'17

Time : 45 mts

Std. IX

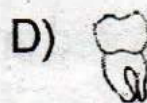
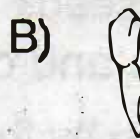
BIOLOGY

Total Score : 20

Instructions:

- Attempt the questions based on the instructions provided.
- Score for each question is provided against the concerned question.

- 1 Compare the first pair of words and complete the second pair.
 - a) Carotene : yellowish orange
Xanthophyll : $\frac{1}{2}$
 - b) Closes trachea : epiglottis
Closes nasal cavity : $\frac{1}{2}$
- 2 Find out the odd one and write the common feature of others.
 - a) Palate, Crown, Neck, Root 1
 - b) Chlorophyll-a, chlorophyll-b, carotene, xanthophyll 1
- 3 "Algae in the ocean are very essential for the existence of life on land." Give reason. 1
- 4 What is the chemistry behind the sweetness of rice when chewed for sometime with out any curries? 1
- 5 Prepare a poster for the awareness of the subject 'Air pollution and diseases.' 1
- 6 Name the teeth and write their functions. 2



7 Rearrange the following statements in the given column and give suitable heading. 2

- a) Occurs in the grana.
- b) Hydrogen is added to CO_2
- c) Occurs in the stroma.
- d) Water split into hydrogen and oxygen.

8 Name the scientists from the following contributions. 2

- a) Oxygen is formed as a result of photosynthesis.
- b) Source of oxygen evolved during photosynthesis is water.

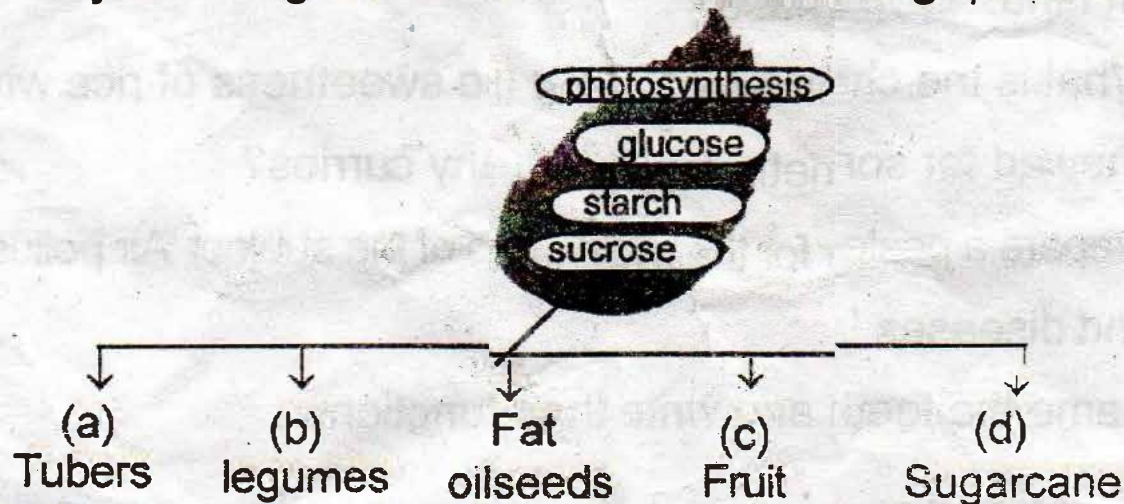
9 "Mouth is an important part of digestive system because it helps the mechanical and chemical digestion of food."

Evaluate the statement with the help of suitable reasons. 2

10 From the given figure and prepare a flowchart of food from mouth and at the end of rectum.



11 Analyse the figure and answer the following questions. 2



A) Find out the nutrients and complete a, b, c, d.

B) "Plants prepare glucose by the process of photosynthesis"

- a) Why it is temporarily stored in the form of starch in leaves? $\frac{1}{2}$
- b) Starch is again converted into sucrose- Why? $\frac{1}{2}$