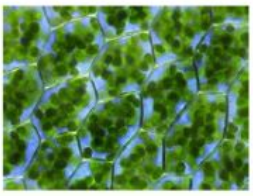

Senior Secondary Biology

Topic: Cell Structure and Functions-3

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Fill in The Blanks using Drag and Drop

Dear Students

Read the following passage carefully. You will require to fill in the blanks marked (1-10). The Terms to fill in are available in Blue box printed in RED. Drag and place in the table against the serial numbers. Enjoy the game and Evaluate yourself.

PLASTIDS

The chloroplasts contain chlorophyll and carotenoid pigments which are responsible for trapping light energy essential for photosynthesis. In the (1) fat soluble carotenoid pigments like carotene, xanthophylls and others are present. This gives the part of the plant a yellow, orange or red colour. The (2) are the colourless plastids of varied shapes and sizes with stored nutrients: (3) store carbohydrates (starch), e.g., potato; (4) store oils and fats whereas (5) store proteins.

The chloroplasts are also double membrane bound organelle. The space limited by the inner membrane of the chloroplast is called the (6). Organised flattened membranous sacs called the (7), are present in the stroma. Thylakoids are arranged in stacks like the piles of coins called (8). In addition, there are flat membranous tubules called the (9) connecting the thylakoids of the different grana. The membrane of the thylakoids encloses a space called (10).

1		6	
2		7	
3		8	
4		9	
5		10	

stroma lamellae thylakoids
elaioplasts chromoplasts
aleuroplasts stroma
leucoplasts lumen
grana Amyloplasts