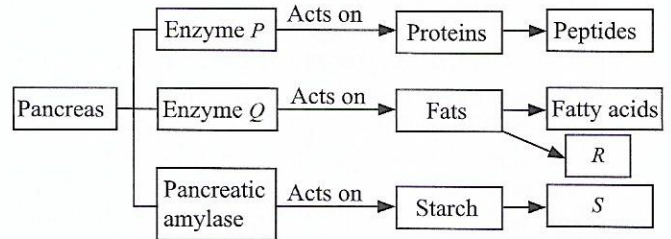


49. Refer to the given dichotomous key and select the correct option.

- I. (a) The plant bears complete flowers. - Go to II
(b) The plant bears incomplete flowers. - Go to III
 - II. (a) Plant undergoes self pollination. - P
(b) Plant undergoes cross pollination. - Go to IV
 - III. (a) Plant undergoes wind pollination. - Q
(b) Plant undergoes insect pollination. - R
 - IV. (a) Plant undergoes water pollination. - S
(b) Plant undergoes insect pollination. - T
- A. P could be *Commelina* whereas S could be sunflower.
 B. R could be papaya whereas T could be rose.
 C. Q could be barley whereas S could be date palm.
 D. R could be orchid whereas S could be cucurbit.


50. Study the given flow chart.




Select the option which correctly identifies $P - S$.

- | | P | Q | R | S |
|----|---------|---------|-----------|----------|
| A. | Trypsin | Amylase | Glycerol | Glucose |
| B. | Pepsin | Trypsin | Glycerol | Fructose |
| C. | Trypsin | Lactase | Galactose | Sucrose |
| D. | Trypsin | Lipase | Glycerol | Maltose |


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