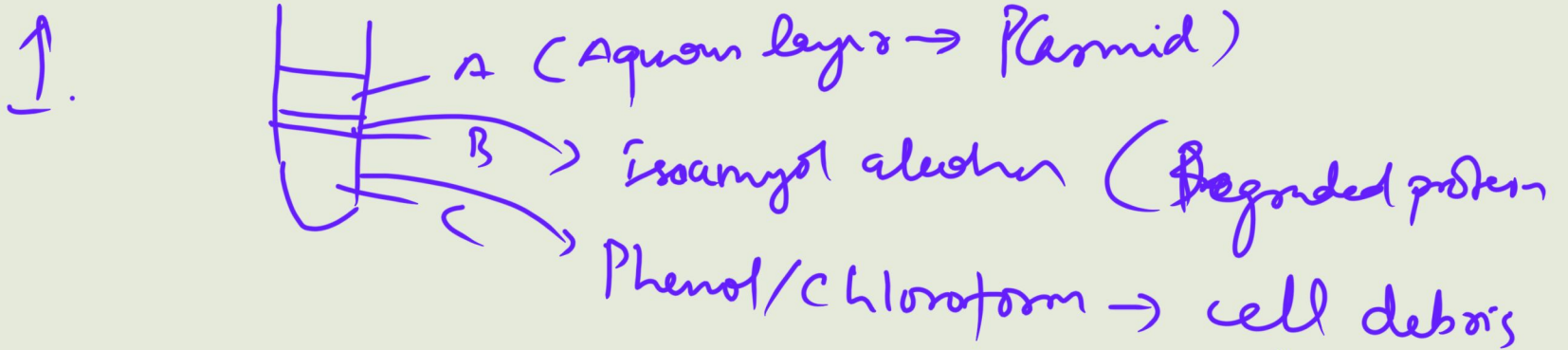


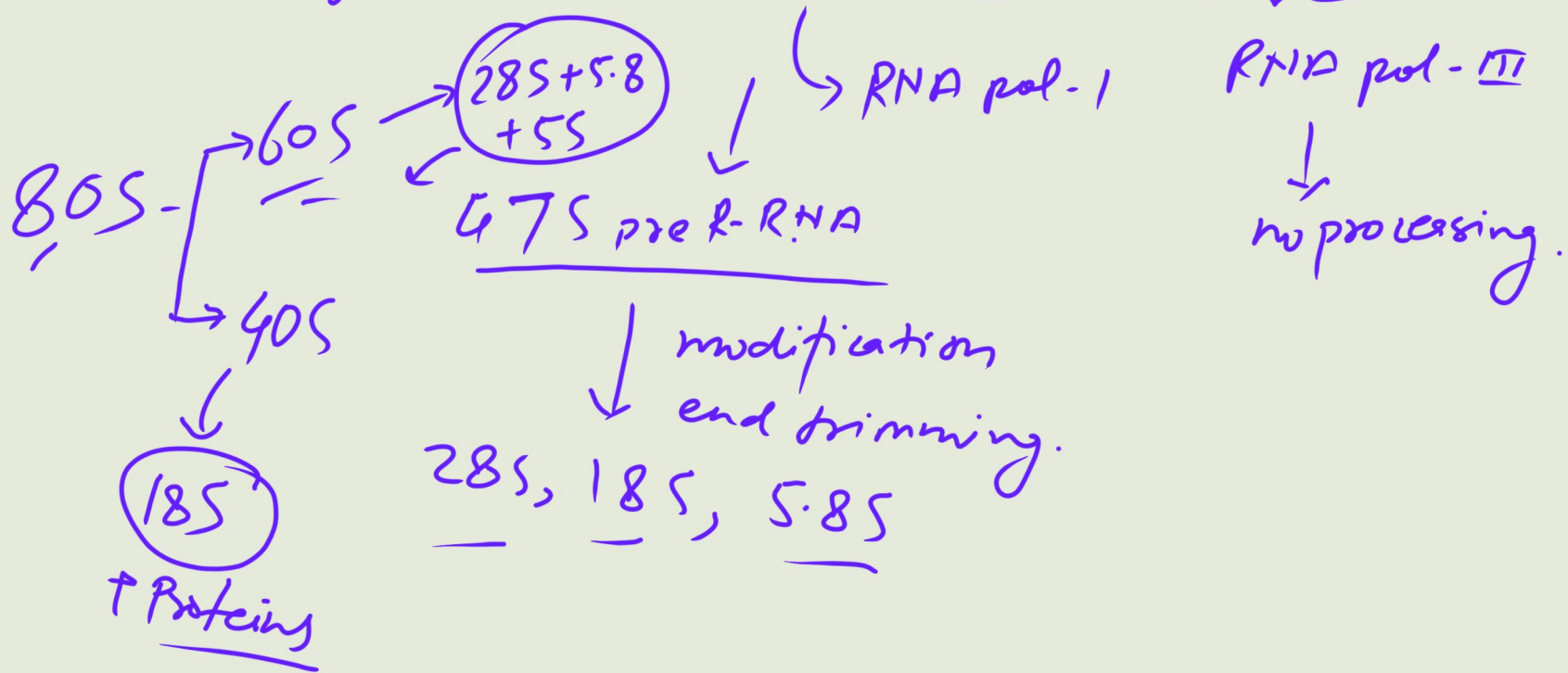
Practical Quiz-1



2. {
- 1 \rightarrow nick DNA/Relaxed.
 - 2 \rightarrow Linear
 - 3 \rightarrow Supercoiled
 - 4 \rightarrow Circular, single strand.

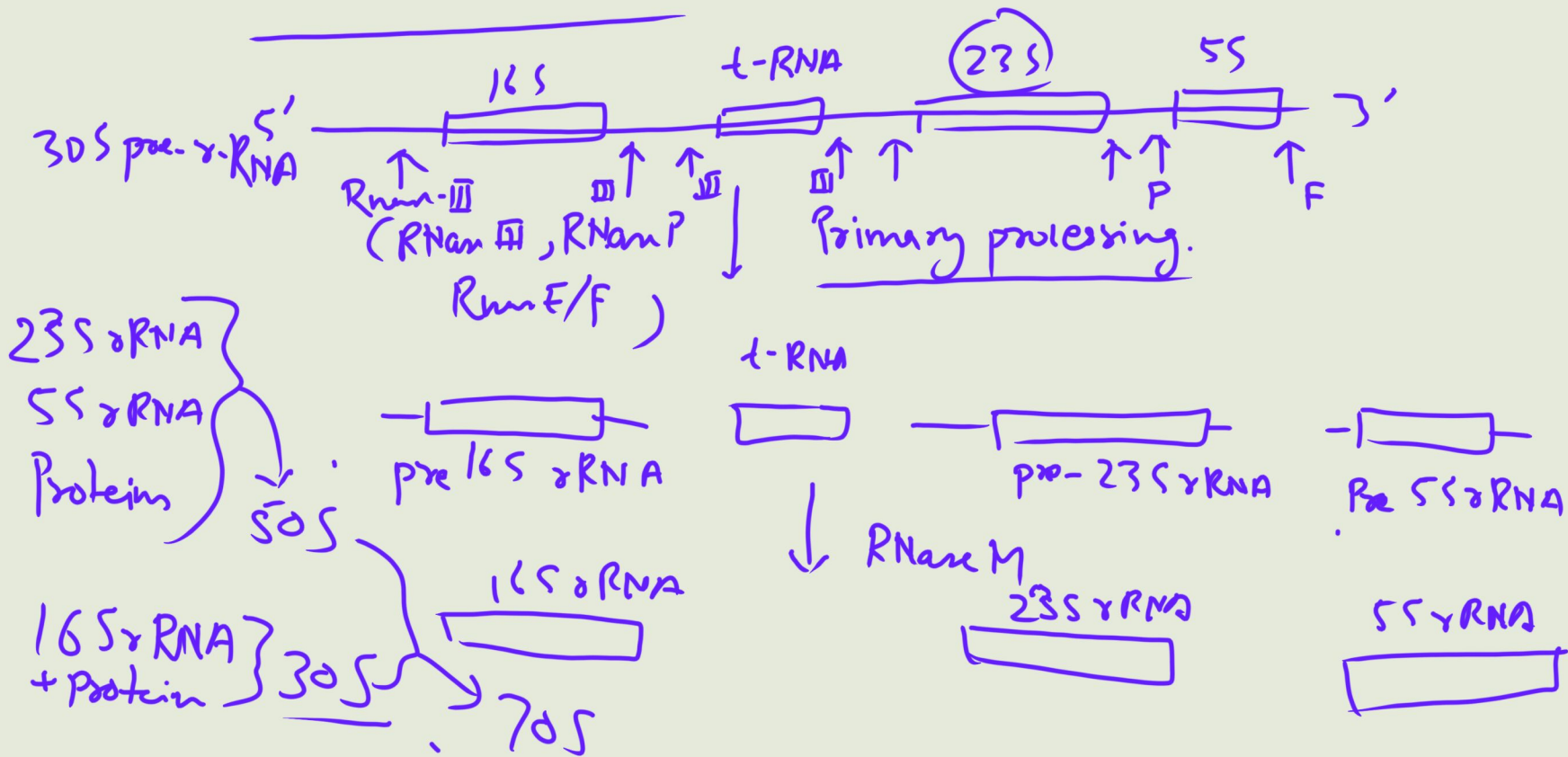
Processing of pre-ribosomal RNA

Eukaryotes → 28S, 18S, 5.8S, 5S



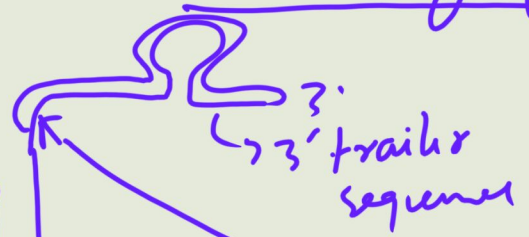
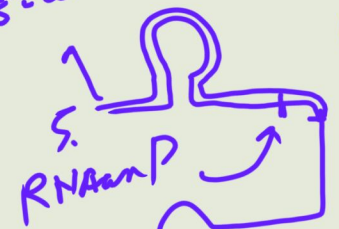
Processing of r-RNA in Prokaryotes

→ 16S, 23S, 5S



Processing of t-RNA (Prokaryotic)

5' leader sequence

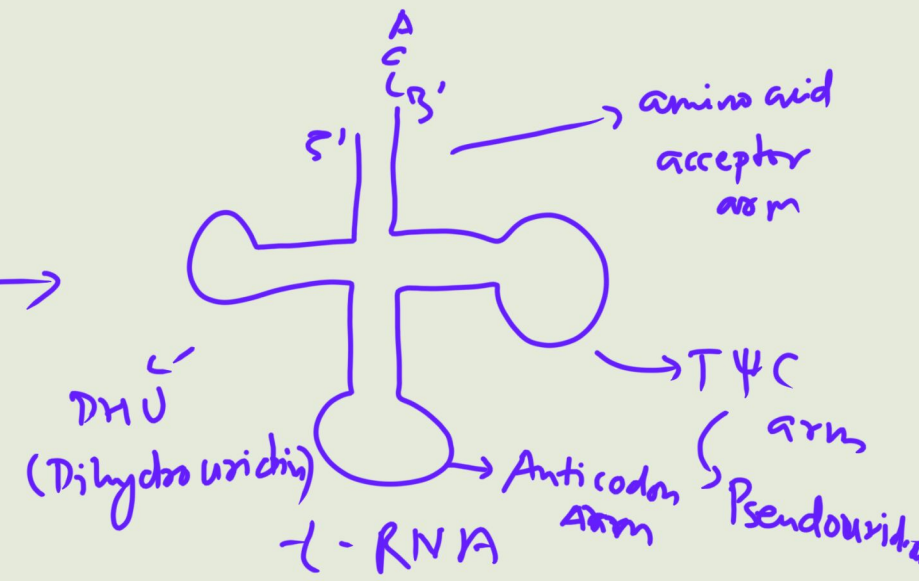


RNase E/F

↳ it will cut at 3' end

RNase D

(trimming the end)

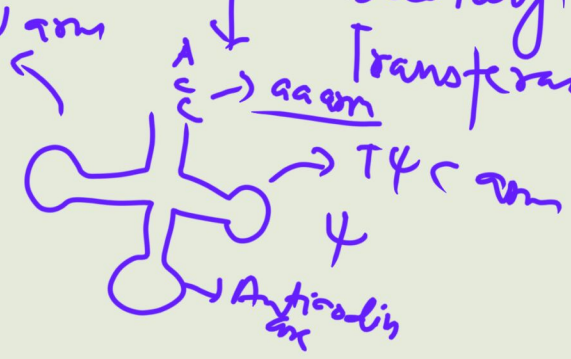


DHU (Dihydrouridine)

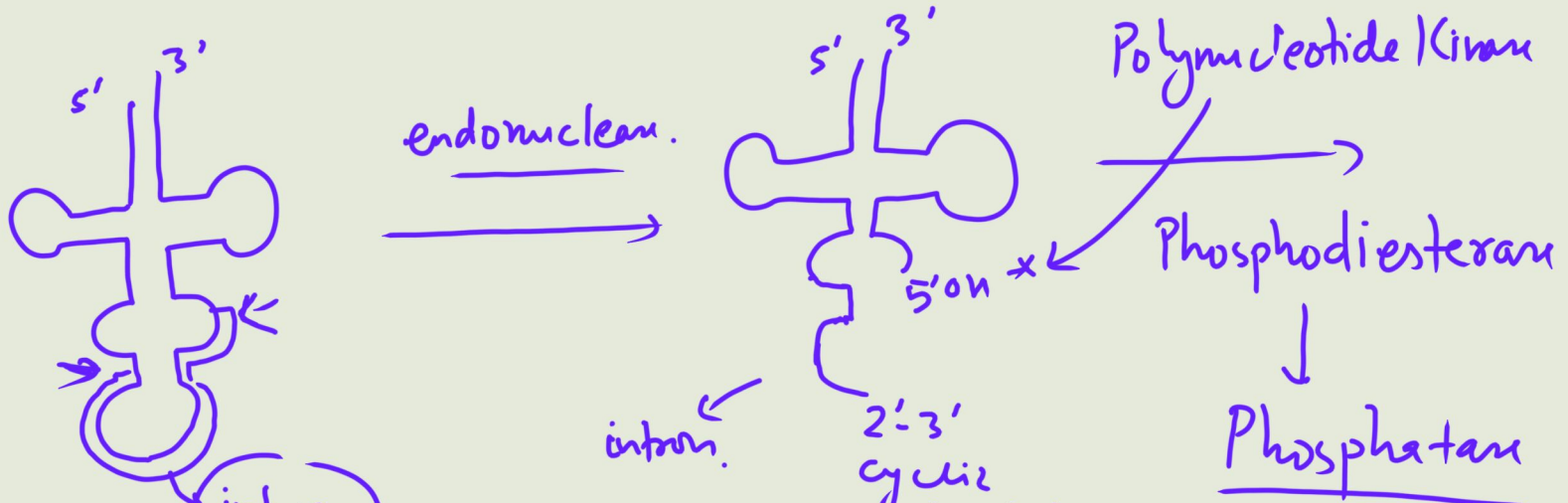
t-RNA

nucleotidyl transferase

functional tRNA



Splicing of t-RNA



Splicing is removed done by endo/exo nucleas

