



Università degli Studi Kore di Enna

Facoltà di Scienze Motorie e del Benessere

CdL in "Scienze delle attività motorie e sportive"

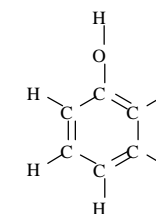
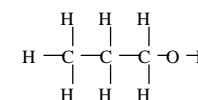
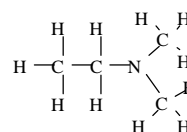
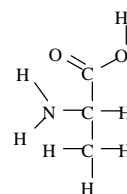
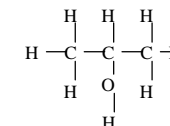
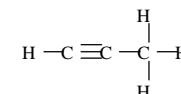
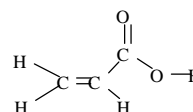
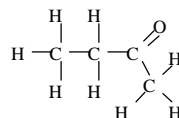
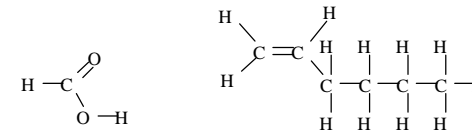
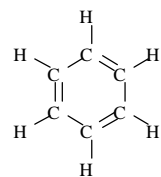
Biochimica

Domenico Ciavardelli - Ph.D.

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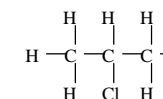
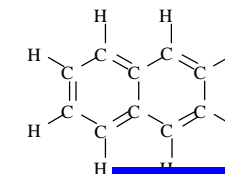
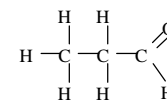
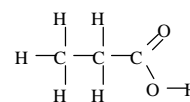
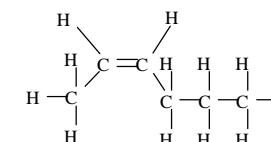
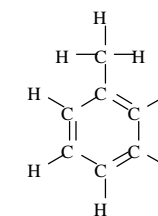
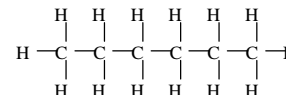
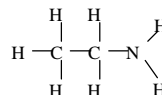
*Biochimica-Esercizi 1
Domenico Ciavardelli*

Esercizi

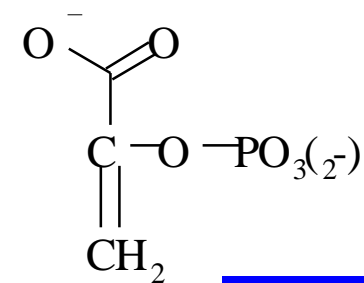
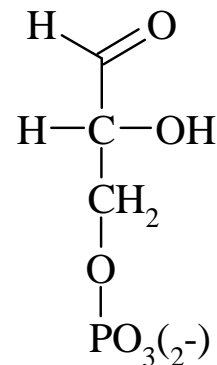
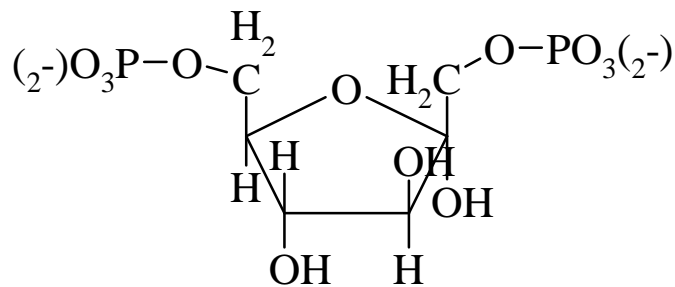
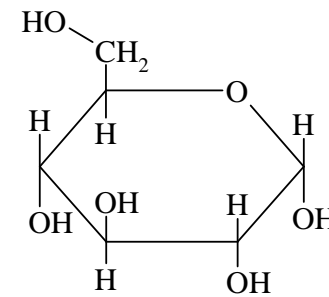
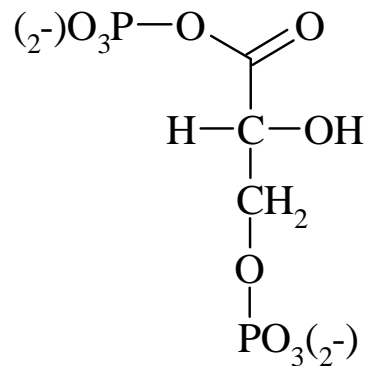
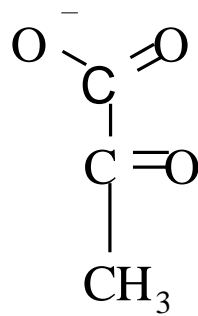


❖ Sulla base delle regole proposte, calcolare il numero d'ossidazione del carbonio e dell'azoto nei seguenti composti organici.

❖ Individuare e denominare i principali gruppi funzionali presenti nelle molecole



❖ Porre in ordine crescente per stato d'ossidazione del carbonio i seguenti composti valutando lo stato d'ossidazione medio di C dalla formula bruta. Ricordare che la formula bruta di una molecola indica la composizione atomica del composto (ad esempio la formula bruta del glucosio è C₆H₁₂O₆). Nel calcolo del numero di ossidazione medio del carbonio considerare la carica della molecola. Il fosforo nei gruppi fosfato ha numero di ossidazione +5.



❖ Indicare quali delle seguenti trasformazioni sono reazioni di ossidoriduzione e specificare se si tratti di una ossidazione o di una riduzione.

