## **Organic Chemistry Functional Groups**

C = C	R - SH THIOL	O O          R - C - O - P - O -
ALKENE ( - ENE)	111102	Ь-
c = c	R - S - R SULFIDE	ACYL PHOSPHATE ( - YL PHOSPHATE)
ALKYNE ( - YNE)	R - S - S - R DISULFIDE	OH     R - C - H
	o o	ÓR HEMIACETAL
AROMATIC RING	R - C - H ALDEHYDE	OR
ratemarie ante	( - AL)	R - C - H
O	O 	OR
R - C - Cl	R - C - R	ACETAL
ACYL HALIDE	KETONE (OXO - ) ( - ONE)	O.D.
R - OH	0	OR   R - C - R
ALCOHOL (HYDROXY -)	R - Ö - OH CARBOXYLIC	
( - OL)	ACID (CARBOXY- )	ÓR
R - O - R	( - OIC ACID)	KETAL
ETHER	O 	ОН
R - NH <sub>2</sub>	R - C - O - R ESTER	R - C - R
1 <sup>0</sup> AMINE (AMINO - )	( - OATE)	OR
R - N - R	O 	HEMIKETAL
H.	R - Č - N AMIDE	C = C - N
2 <sup>0</sup> AMINE (AMINO - )		ENAMINE
R - N - R       R	O O             R - C - O -C - R	
3 <sup>0</sup> AMINE	CARBOXYLIC ACID ANHYDRIDE	o
(AMINO - )	( - OIC ANHYDRIDE)	R - C - Cl
H 	Year	CARBOXYLIC ACID CHLORIDE
R - C = N - R $IMINE$	W.	( - OYL CHLORIDE)
(IMINO)		O II
C = N	NO <sub>2</sub>	R - Ĉ - SR THIOESTER
(CYANO -) (- NITRILE)	NITRO	( - THIOATE)