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Matric:19/mhs01/280

Medicine and surgery

CHM 102	1
1. a) CH2 = C(OH) HCHO	2) mass of tanfratte acids
function al gropp present:	0.8569
- Double bond chain (Atkene)	vol. of water diluted in
- of (Hydroxyl group)	=10 cm ³
- of (Hydroxyl group) - C=0 (Alkanol)	Rocall,
the Carterion of	mass conc. (c)= mass = 0.7569
b) CoHoch (NH2) cocho	Mass conc.(c)= Mass = 0.756g vol 10cm3
CNH2 - CH3	= 0.0826g/cm3
	Vol. of polari meter tube = Idm3
THE C	length vrinbe = 1dm
~ /	Observed rotation (x) = 41.0° at 20° c
Functional group present:	
- Phenologroup nito double	Specific notation [x] =?
bonds	[x] = x
- Amine (NH2)	[x] = x C x l = +1.0°
- Amone (NH2) - Alkanohe (Ketone C=0)	s +1.0
	0.0856gcm3x ldm
c) ct3 c= ct+ct+(ot+)ct+o	[X] = +1 =+11.6802°
Functional group present	0.926
- Double bond (=) - C=0 * * (**) - C=0 * * (**)	
- C=0 * * (Kanol	
- OH Hydroxyl group.	
	,

3. Hexa-2,4-diene – has only 3 isomers

$$H \longrightarrow H$$

Isomers

B. 2,3 dimethy but-2-ene. - does not have geometric isomers because there are two identical groups attached to the same carbon of the double bond.

$$_{\text{CH}_3}^{\text{CH}_3}$$
 C=C $_{\text{CH}_3}^{\text{CH}_3}$ 2,3-dimethylbut-2-ene