



Normal Range

M.Sc Hassanein Mohammed Kadhim



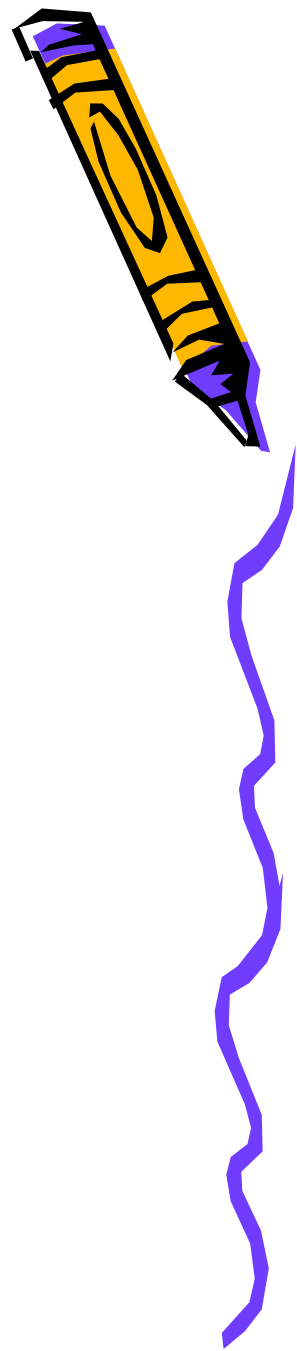
1- PR---pulse rate 60----100 beat/min

2-RR---Respiratory rate 14---20 breath/
min

3-Bp--- Blood pressure

-Systolic pressure 100----140 MMHg

-Diastolic pressure 60----90 MMHg



4- PH of the blood

7.35-----7.45 7.4

5- PaO₂ 80-----100 MMHg

6- PaCO₂ 35----45 MMHg

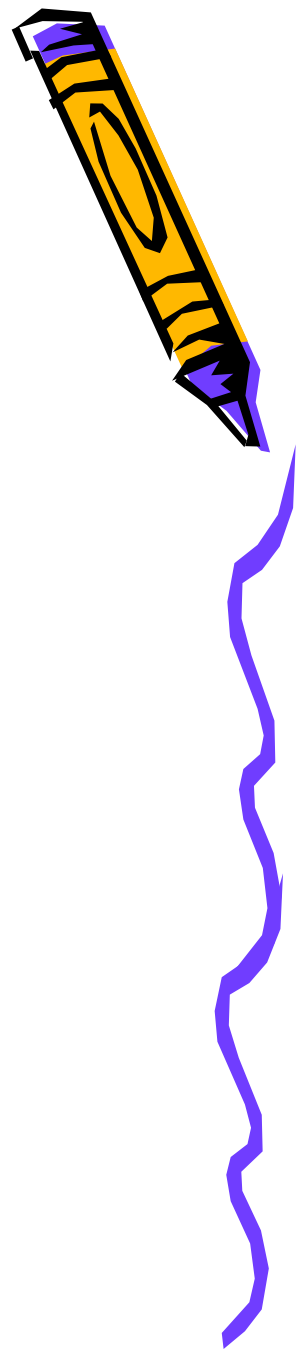
7- HCO₃ 22----26

8- BE +_ 2

9- FBS-- Fast Blood Sugar 60---110 Mg/dl

10- RBS---Random Blood Sugar 90---180mg/dl

11- HbA1C---4.5-----6.5 %



Serum Electrolyte

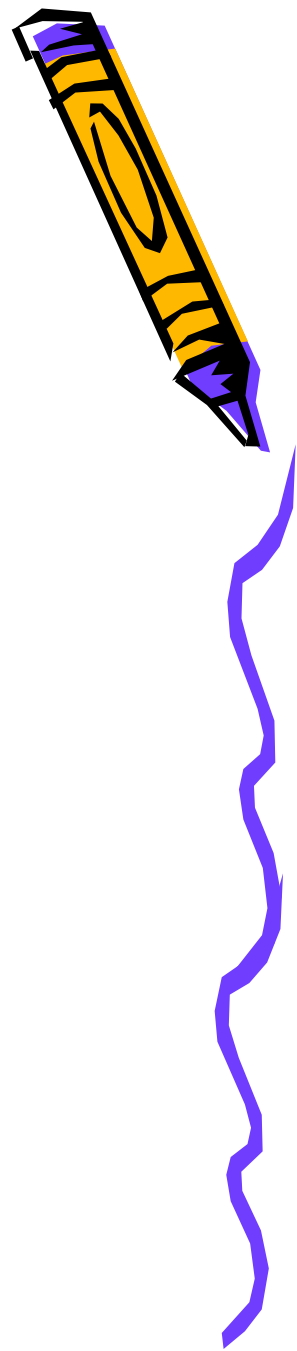
12- Na 135----145 Meq/L

13- K 3.5----5.5 Meq/L

14- Ca 8.5----10.5 Meq/L



M.Sc hassanain mohammed
kadhim



15- Hb Male 13 ---18 mg/dl
 Female 11.5----16.5 mg/dl

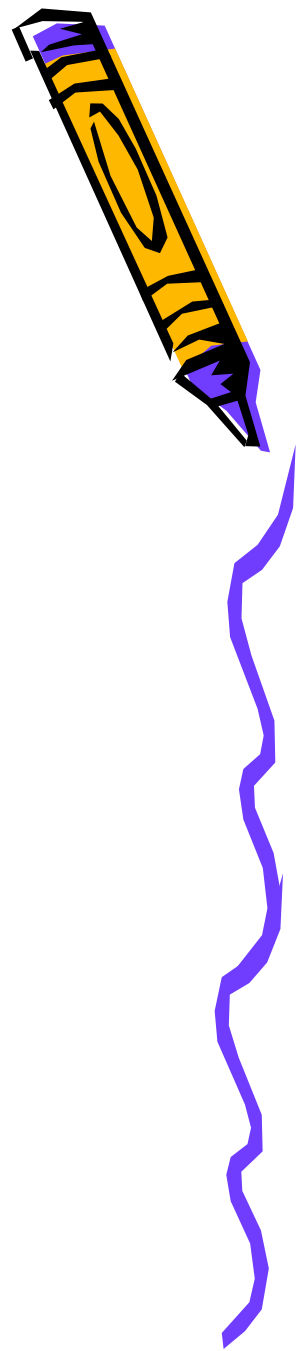
16- PCV Male 40----54 %
 Female 37----47%

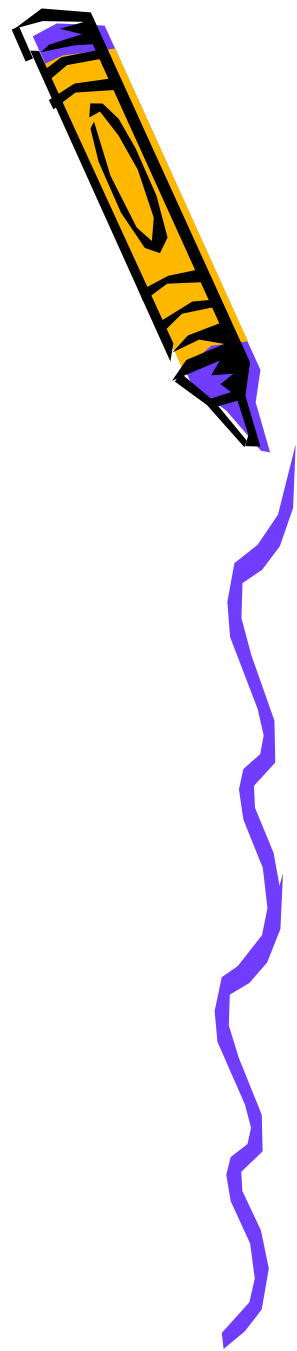
17- ESR Male 0----20 mm/hr
 Female 0-----25 mm/hr

18-Cholesterol 140 ----250 mg/dl

19- TSB 0.1----1.0 mg/dl

M.Sc hassanain mohammed
kadhim





20- Blood urea 16----40 mg/dl
- urine urea 20----35 mg/24hr

21- S.U.A serum uric acid
- Male 3.4-----7 mg/dl
-Female 2.5---6 mg/dl

22- Serum Creatinine



Male 0.7----1.2 mg/dl

Female 0.5----0.9 mg/dl

23- BUN Blood urea nitrogen

10----20 mg/dl

24-SGOT 0----40

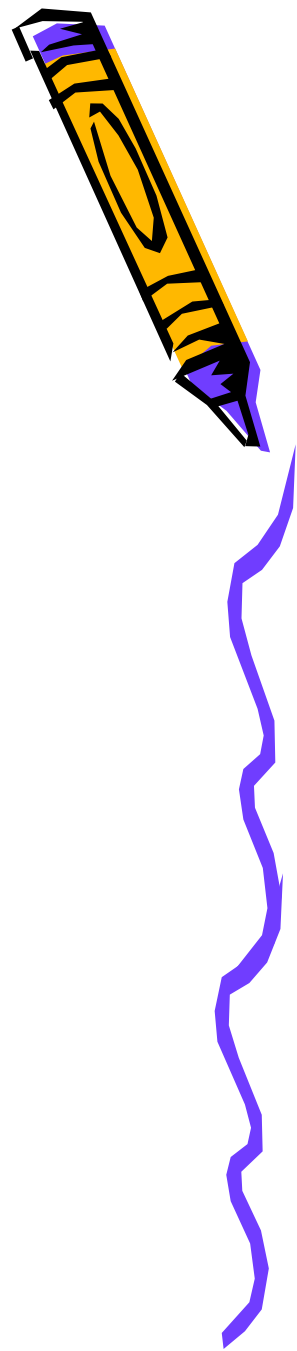
25- SGPT 0----45

26-RBC-5 Million /mm

27-WBC-4000-11000/mm

28-Platelet count – 150,000-400,000/mm

29- Blood Oxygen Saturation level 95—99%

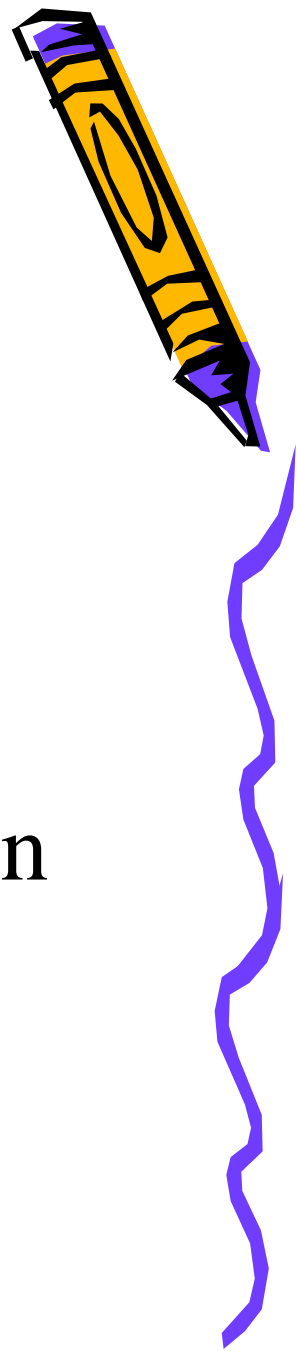


30- Pulse Deficit 4 ----10 beat /min

31-Pulse Pressure 40---50 mmhg

32-eye blinking 15----30 blinking /min

OR 30 blinking /min



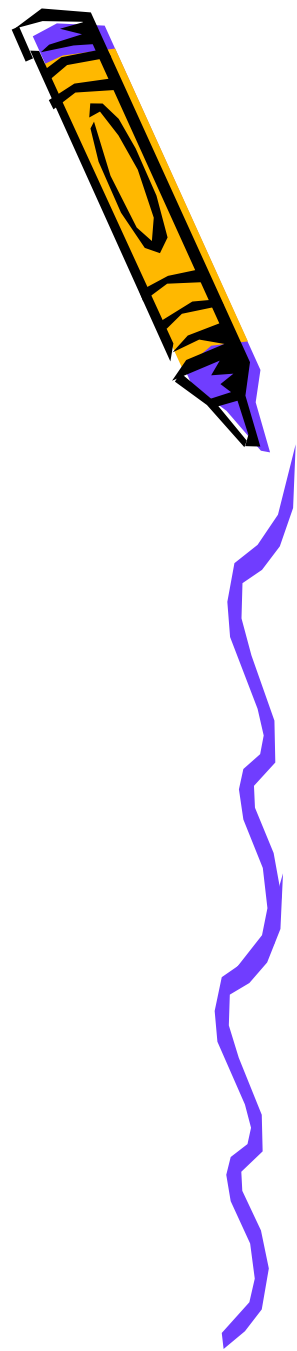
CBC

Complete Blood Count

- Hb
- Pcv
- RBC
- WBC
- Platelet count
- ESR
- DLC



M.Sc hassanain mohammed
kadhim

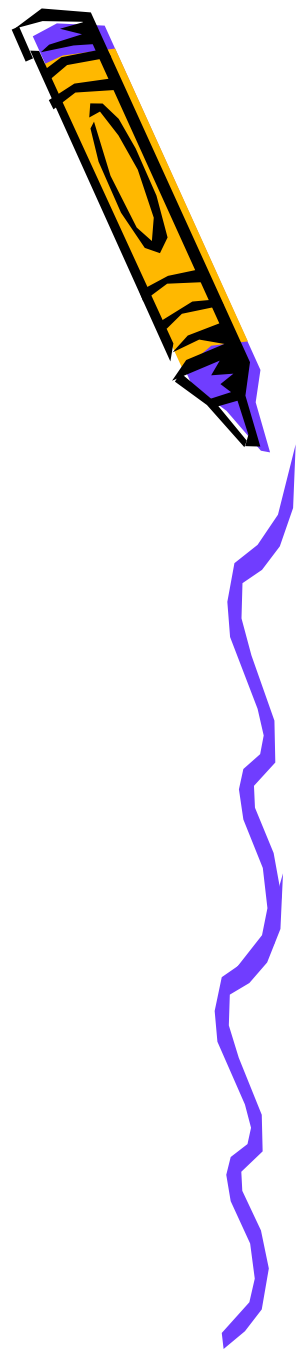


WBC Differential

- Neutrophils 40-75%
- Basophils 0-2%
- Eosinophils 1-6%
- Monocytes 1-10%
- Lymphocytes 15-45%



M.Sc hassanain mohammed
kadhim

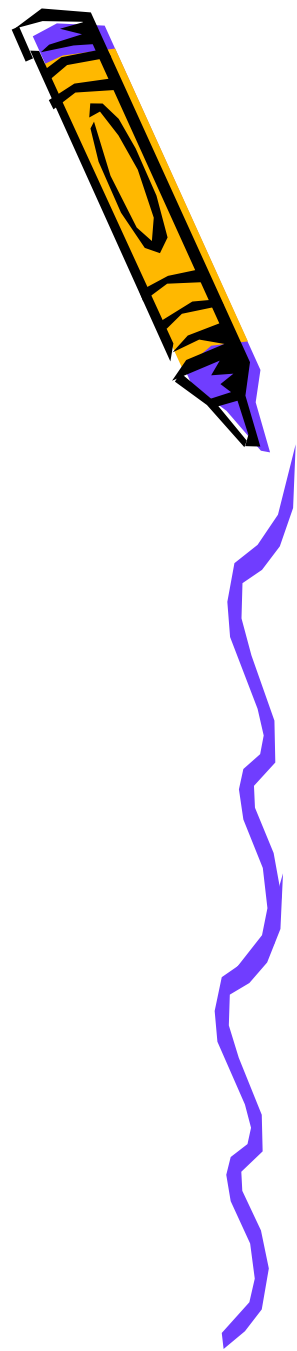


Lipid profile

- Cholesterol
- Triglycerides
- HDL
- LDL
- VLDL



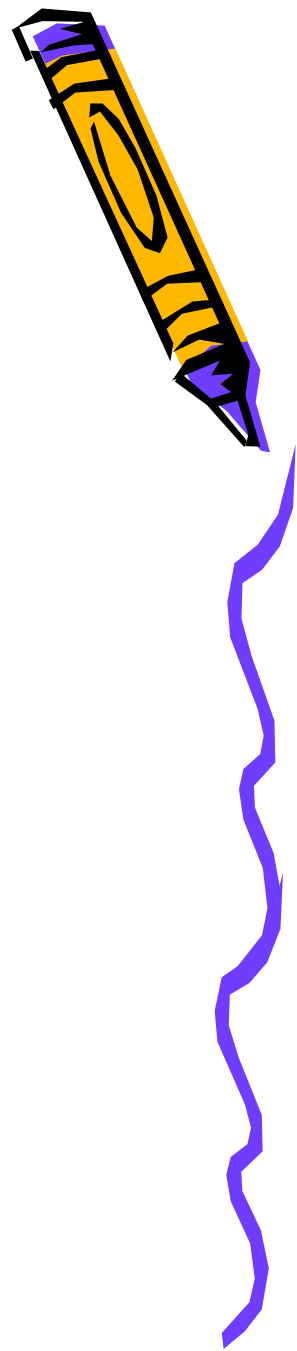
M.Sc hassanain mohammed
kadhim



KFT

Kidney function test

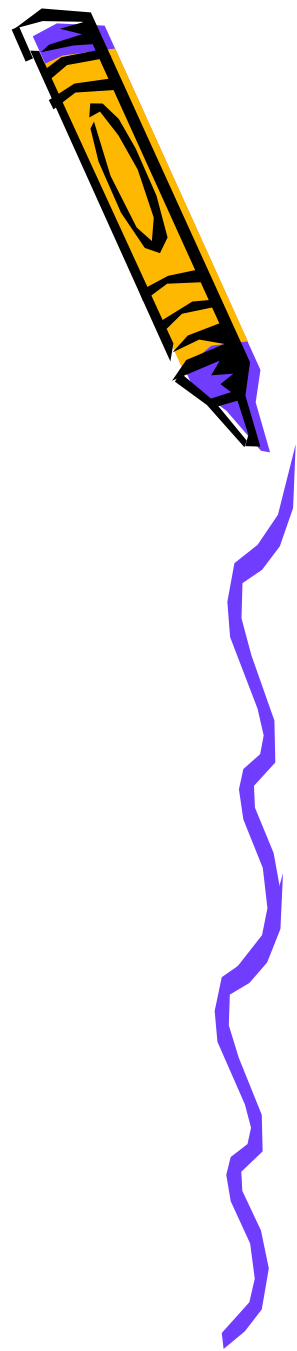
- B. Urea
- S. Creatinine
- S. Uric acid
- BUN



LFT

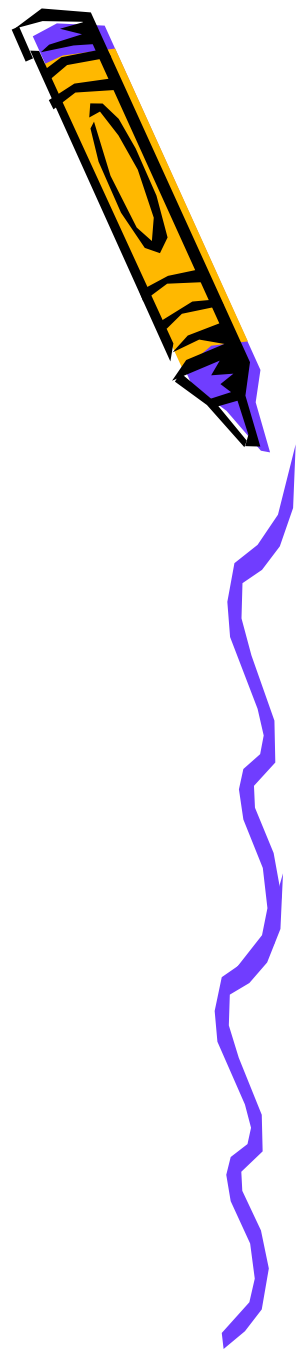
Liver function test

- TSB
- SGOT
- SGPT
- Alkaline PHosphatase



ABGs

Arterial Blood Gases or Blood Gas Analysis



.PH

.PaO₂

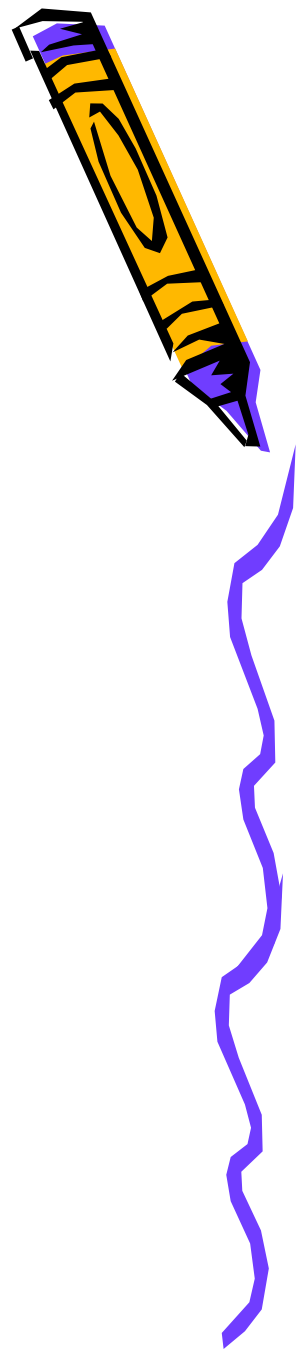
.paCO₂

.HCO₃

.BE



Cardiac Enzyme



1 Troponin -T and I

2- Creatine kinase – CK-

3- lactic Dehydrogenase –LDH-

4- Serum Myoglobine

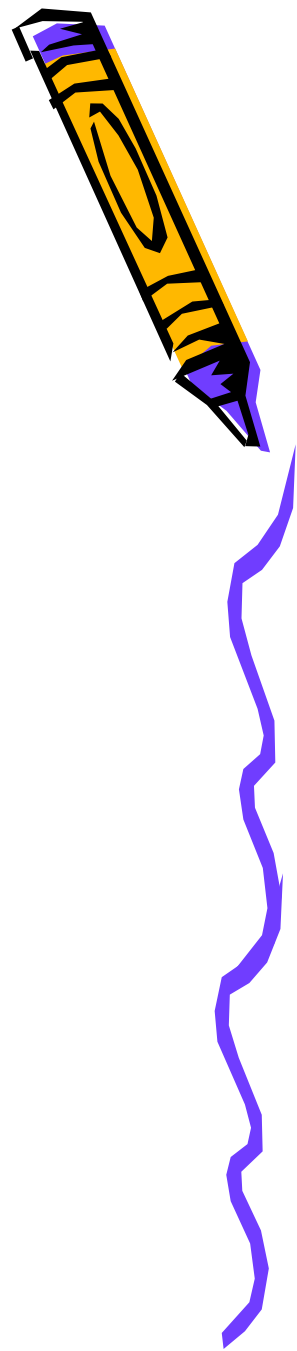


Thyroid Function Test

- T3
- T4
- TSH



M.Sc hassanain mohammed
kadhim



Viral Screen

-HAV

-HBC

-HCV

-HDV

-HEV



M.Sc hassanain mohammed
kadhim

