

Practical Hematology

- 1- The vein of choice for vein puncture is
- 2- Buffy coat contains And
- 3- Why heparinized blood is not recommended for making blood films?.....
- 4- Hct normal range in adult male is
- 5- The hemoglobin concentration of the solution may be estimated by measurement of it..... and
- 6- Hb normal levels in female
- 7- Why Sahli's method is not recommended nowadays?
- 8- The solution used at RBC count is and solution used at Hb manual estimation is
- 9- The MCV value below the normal range called
- 10- Red blood cells can burst because of the pressure and causes.....

- 11-When Rbc numbers in each squares are (S1=73,S2=69,S3=70,S4=74,S5=68)

- 12-Write the differences between black and blue trisodium citrate tube



13- calculate the following

MCV MCH and MCHC when Hb= 14.9 HCT= 47% and RBC from question 2

14. Stages of ESR

And

15. The normal clotting time in a person is between.....

16..... a condition where 10% or more of the red blood cells are abnormally shaped due to other medical conditions.

17..... A term refers to the teardrop cell shape while Is a target shaped cells?

18. Drepanocytes occurs in
In anemia caused by a lack of vitamin B₁₂ or a lack of folate the RBCs are
and.....

19. The term G6PD refers to

20. In less severe damage in G6PD the cells become Shaped cells while in more severe cases produces Cells

21. Sickle cells usually die in days.

22. How plasma protein affect ESR?

23. Draw the diagram of G6PD deficiency

24. Calculate Hb concentration when

Hb control = 13 and control absorbency = 0.81

Patient absorbency=0.82

25. Calculate RBC count in 5 squares

When RBC number in each square (S1=68, S2=73, S3=69, S4=70 and S5=71)

26. Calculate each of MCH and MCHC

HCT= 37% RBC= 4.6 and Hb= from question one

27. Reference number for MCHCand for PCV.....

28. Why we cannot use the term PCV in automated method.....
.....

29. MCHC value above normal range.....

30. Why heparinized blood is not recommended for making blood films?.....

and it is not suitable for use in the study of polymerase chain reaction (PCR) with restriction enzymes because

31. RBC normal range in female

32. Excess of EDTA affects.....