**AIMS SEPTEMBER 2019 RECALLS**

**CLINICAL CHEMISTRY**

1. Define Beer’s Law and its application in the laboratory(1pt)
2. Difference between direct ISE and indirect ISE(1-2pts)
3. What stimulates the release of ADH? (1pt)
4. What is FT4(2pts)
5. Causes of High total calcium and further tests (2pts)
6. Causes of High B1(2pts)
7. Overnight Uncentrifuged specimen(analytes are given) 3pts
8. Glucose tubes for glucose testing (2pts)

Given: Red top, lavender, Naoxalate??

1. Hormone seen in lung carcinoma (1pt)
2. Causes of High cortisol (2pt)
3. Uncompensated respiratory acidosis (1pt)
4. 2 Posterior pituitary hormones (1pt)
5. Creatinine clearance computation error (1pt)
6. broken tube inside centri (1pt)

**HISTOPATH**

1. CT seen in Human body
2. Stains

Mtb, Hemosiderin, melanin, glycogen

1. Fixatives

2 in Light microscope, 1 in EM

1. Use of cryostat
2. Cells in sputum
3. Cell in gallbladder
4. Decalcification
5. Routine stain for tissue

**BLOODBANK**

1. Application of computer xmatch in the laboratory
2. Blood inventory. Patient in need of 6 Units AB positive what to give and explain why. (Blood units are given)
3. ABO/RH discrepancies- explain
4. **MICRO, HEMA BB -** REFER TO OLD RECALLS