80) osmosis - solvent

dialysis - solute

81) small particles to pass through   high conc → low conc

82) maintains distinct chemical enviroments in the fluids

83) movement of [High] to [Low]

84) hypertonic [high]

hypotonic [Low]

isotonic [Same]

85) a) H_2O B → A

b) H_2O A → B

c) no net flow

86) [2] hemolysis   red blood cell bursts $H_2O \rightarrow$ in

87) [2] hypotonic $\rightarrow$ hypertonic

88) [2] in dialysis   only small particles move because of small opening

89) [3] no dialysis : Isotonic no net difference in [ ]

90) [2] glucose A $\gg$ B , [B] $\uparrow$ eventually A+B Isotonic

   Sol B next pure H_2O so becomes hypotonic again

91) [3] creatine   sol A $\rightarrow$ H_2O

   Sol B replaced with pure H_2O

   globulin remains (large)   32