

CIRCULATORY SYSTEM

4

1) HEART = PUMP

2) BLOOD = PHYSIOLOGICALLY ACTIVE

a. PLASMA (FLUID MEDIUM)

b. "FORMED ELEMENTS"

① RED BLOOD CELLS

② WHITE BLOOD CELLS

CONVENTION FOR DESIGNATING BLOOD O_2

— O_2 RICH

— O_2 POOR

3) VESSELS = TUBES FOR BLOOD TRANSPORT

a) ARTERIES + ARTERIOLES → WALLS THICK + MUSCULAR → FROM ♥

b) VEINS + VENULES → WALLS THIN + 1-WAY VALVES → TO ♥

c) CAPILLARIES → 1 CELL LAYER → GAS X-CHANGE