Chapter 19 Crossword Puzzle

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| **Across**  **5.** This vein, found in the arm, is typically used for venipuncture. (two words, no spaces)  **8.** \_\_\_\_\_\_ disease of the newborn involves an Rh- mother and an Rh+ fetus  **9.** Monocytes differentiate into macrophages, which are either \_\_\_\_\_ or wandering.  **12.** Basophils normally make up less than \_\_\_ percent of circulating WBCs. (spell it out!)  **13.** Type AB blood contains no anti-A or anti-B \_\_\_\_\_\_.  **17.** Alveolar macrophages are stationed in the \_\_\_\_\_.  **20.** \_\_\_\_\_\_\_ is the sequence of responses that stops bleeding.  **21.** \_\_\_\_\_\_\_ fluid bathes body cells.  **23.** Platelets are fragments of this type of mature cell.  **25.** A cell that becomes a red blood cell is called a \_\_\_\_\_\_\_.  **27.** The percent of blood occupied by RBCs is called the \_\_\_\_\_.  **28.** Two gases transported by blood are oxygen and \_\_\_\_\_\_\_\_\_. (two words, no spaces)  **30.** To combat inflammation, \_\_\_\_\_\_ release histamine. | **Down**  **1.** \_\_\_\_\_\_\_\_ stem cells form all blood cells.  **2.** These cells make up about 20-25% of circulating WBCs.  **3.** These proteins make up most of the proteins in blood plasma.  **4.** A high count of these cells is likely due to a bacterial infection.  **6.** Blood is more \_\_\_\_\_ than water.  **7.** White blood cells, unlike red blood cells, do not carry any \_\_\_\_\_.  **10.** This is an abnormally low level of WBCs caused by radiation, shock, and/or chemotherapy.  **11.** Erythropoietin is released by this organ.  **14.** A deficiency in clotting factors is called \_\_\_\_\_.  **15.** \_\_\_\_\_-matching is the mixing of a donor's and recipient's blood to test for compatibility.  **16.** A red blood cell is called an \_\_\_\_\_\_\_.  **18.** The study of blood is called \_\_\_\_\_.  **19.** A \_\_\_\_\_\_ WBC count is taken to determine specific issues in the body.  **22.** Type O blood is compatible with \_\_\_ other blood types.  **24.** Lysozyme is an enzyme that kills \_\_\_\_\_.  **26.** Stem cells from the umbilical cord are taken and frozen in a \_\_\_\_-blood transplant.  **29.** Eosinophils have large granules that stain an orange-\_\_\_ color. |