Blood Basics Quiz

Name _____

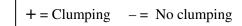
Part A: Match each term to its best definition.

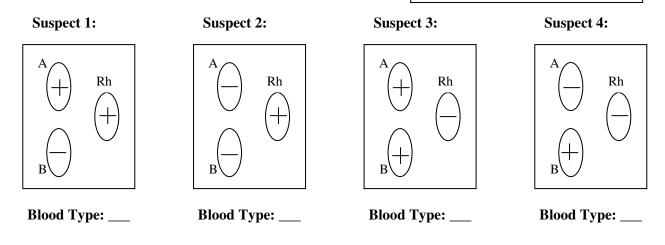
1. Most abundant cells in our body that are produced in the bone marrow	
2. Protein found in red blood cells that carries oxygen	A. BPA
2. Froteni round in red blood cens that carries oxygen	B. Donors
3. Component of blood that is part of the our immune system and destroy	C. Genes
pathogens in our body	D. Hemoglobin
	E. LCV
4. Yellowish liquid part of the blood	F. Luminol
5. Clotting factors in our the plasma that clot together to prevent blood	G. Passive
loss from a wound	H. Plasma
	I. Platelets
6. Our blood type is determined by these, which are inherited from our	J. Projected
parents	K. Receivers
7. Blood type that contains A agglutinogens	L. Red blood cells
9 Dlood type that contains D accluting cons	M. Rh factor
8. Blood type that contains B agglutinogens	N. Spatter
9. Blood type that contains both A and B agglutinogens	O. Spines
	P. Transfer
10. Blood type that does not contain A or B agglutinogens	Q. Type A
11. Indicates the presence of a specific protein; discovered while	R. Type AB
studying Rhesus monkeys	S. Type B
12. People with Type AB blood are called universal, because they	T. Type O
can receive blood from anyone.	U. White blood cells
	·

- _____ 13. People with Type O blood are called universal _____, because they can give blood to anyone
- _____14. Stands for bloodstain pattern analysis
- _____ 15. Patterns created when a bloody object comes in contact with another surface; also called contact patterns
- _____16. Bloodstains created by the application of force to the area where the blood originated
- _____ 17. Pointed edges of a droplet that radiate out from the spatter and can help to determine the direction of force
- _____18. Type of blood stain created by the force of gravity an appears as drops or blood pools
- _____ 19. Type of bloodstain that is created when a force is applied to the source of the blood, such as castoff, impact spatters, and arterial spurting
- _____ 20. Used by investigators to detect the presence of blood
- _____ 21. Test used at a crime scene to enhance a bloodstain to make it more visible in photographs

Part B: Blood Typing & Transfusions

22. Identify the blood type of each sample given the test results.





- 23. If Suspect 1 were injured during the crime and needed blood, what blood types could he receive? _____
- 24. If Suspect 4 volunteered to donate blood, which blood types could receive his blood? _____

Part C: Blood Spatter

25. Which of the three blood droplets shown would have been created by a wound in the lower part of the leg? Explain.



26. If you found a blood droplet as shown below at a crime scene, what does it tell you? Explain



27. If you find a trail of blood with droplets that are very close together, what could this mean?