**Forensic Serology Exam Key**

*Note:* This assessment shouldbe based on accuracy and details at the teacher’s discretion.Noset rubric is provided.

The student’s answer should include, but not necessarily be limited to

* Drops on the sidewalk
* Must first do a **presumptive test**, such as **Kastle-Meyer**, to determine if it is blood
* Indicates **passive blood stain**; dripping
* Could possibly indicate **direction of movement** if a pattern is evident
* Check **blood type** to see if it is the same type as the victim or sheet
* Swab a drop with a sterile swab moistened with sterile distilled water to be later used for DNA testing
* Sheet
	+ Must first do a **presumptive test**, such as **Kastle-Meyer**, to determine if it is blood; swab one small area the same way as described above
	+ Lay it completely out to see if there are any **blood stain patterns** evident
	+ Check the **blood type** to see if it is the same type as the victim or sidewalk drops
	+ Make sure the sheet is completely dry before placing it in a paper bag for evidence
* Victim
	+ Observe to see if wounds are present, and if so, whether or not they were made by a particular weapon
	+ If wounds are present, check to see is they are consistent with having made the stains on the sheet or the drops on sidewalk
	+ Search the nearby area for any possible weapons or other bloodstain patterns