Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Trace Evidence: Footwear Impressions Lab Rubric**

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| **Task Steps** | **Pts** |
| **Cast** |  |
| Cleanliness of the cast – the cast must be cleaned and free of dirt or soil, without scraping or brushing off important details. (20 pts.) |  |
| Details preserved in the cast – should include cracks, materials stuck in the tread design, etc. (20 pts.) |  |
| Overall structure – the cast must represent the entire piece of footwear. Missing portions or cracks compromise the integrity of the cast. (20 pts.) |  |
| **Correct Answers** |  |
| 1) To prevent any surrounding foreign objects from contaminating or damaging the impression, and to provide a mold for the cast so that the plaster liquid will not flow outside of the area of interest. (10 pts.) |  |
| 2) To preserve the original shape and structure of the impression before the weight of the plaster or the environment (wind, soil, moisture) can alter it. (10 pts.) |  |
| 3) Sand or soil left on the plaster cast can conceal and/or interfere with the details or individual characteristics being visualized by the examiner. It may also add some undesired characteristics that may not have been present in the original impression. (10 pts.) |  |
| 4) Because the weight of plaster of Paris will crush and destroy the impressions on snow. Lighter casting material (such as dental stones) is preferred. (10 pts.) |  |
| **Total points possible (100pts)** |  |