PASSAGE 1

The earliest authentic works on European alchemy are those of the English monk Roger Bacon and the German philosopher St. Albertus Magnus. In their treatises they maintained that gold was the perfect metal and that inferior metals such as lead and mercury were removed by various degrees of imperfection from gold. They further asserted that these metals could be transmuted to gold by blending them with a substance even more perfect than gold. This elusive substance was referred to gold as the "philosopher's stone".

1- According to the passage, Roger Bacon and St. Albertus had the same _____.

(1) nationality (2) vocation (3) premise (4) education

2. It is possible that Roger Bacon's work _____.

(1) was not genuine
(2) contained references to the conversion of base metals to gold
(3) disproved that of St. Albertus Mangus
(4) was written after St. Albertus Magnus

3. According to the alchemists, the difference between base metals and gold was one of __.

(1) weight (2) chemical content (3) perfection (4) temperature

4. The "philosopher's stone" was _____.

(1) a base metal (2) an element which was never found
(3) lead which was mixed with gold (4) another name for alchemy

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