

# Phil. 103: Introduction to Logic

## Translation to Standard Form

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1. Translate the following passage into three standard form statements with matched classes. Is the passage an argument?

“Only those for whom art is a constant source of passionate emotion can possess the data from which profitable theories may be deduced; but to deduce profitable theories even from accurate data involves a certain amount of brain-work, and, unfortunately, robust intellects and delicate sensibilities are not inseparable.”<sup>1</sup>

2. Translate the quotation below. Is the converse validly implied?

“By failing to prepare you are preparing to fail.”<sup>2</sup>

3. Translate these two statements into standard form. Explain whether the second statement logically follows from the first.

“If the Products of Nature rise in Value, according as they more or less resemble those of Art, we may be sure that artificial Works receive a greater Advantage from their Resemblance of such as are natural.”<sup>3</sup>

4. Translate the conclusion of this dilemma into standard form.

“Good times, bad times, there will always be advertising. In good times people want to advertise; in bad times they have to.”<sup>4</sup>

5. Translate the syllogism into standard form and test for validity.

“No opera plot can be sensible, for people do not sing when they are feeling sensible.”<sup>5</sup>

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<sup>1</sup>Clive Bell, *Art* (London: Chatto & Windus: 1914), 19.

<sup>2</sup>Benjamin Franklin, quoted in Ted Goodman, ed., *The Forbes Book of Business Quotations* (London: Black Dog Publishing, 2007), 481.

<sup>3</sup>Joseph Addison, *The Spectator* (London: George Routledge and Sons, Ltd., 1891), No. 414 Wednesday, June 25, 1712.

<sup>4</sup>Bruce Barton, Chairman of BBDO, quoted in James B. Simpson, *Contemporary Quotations* (Binghamton, NY: Vail-Ballou Press: 1964), 82.

<sup>5</sup>W.H. Auden quoted in Walter Bernhart, *Word and Music Studies* (Amsterdam: Rodopi, 2006), 295.