

Instructions: Write name legibly. Explain so that smart people who have not taken our class will understand.

For each of the following, indicate whether the claim is true or false by circling/underlining/etc. one option.

- True False Heather Douglas and W.E.B. Du Bois share the same view about values in science.
- True False Douglas argues that values can play a role in science.
- True False Du Bois argues that values can play a role in science.
- True False Douglas' and Du Bois' think that science is important for policymaking.

Using an example, explain the value free ideal (p. 1).

In your own words, explain Du Bois' mediate aim of science (pp. 3-4).

In your own words, explain the immediate aim of science (pp. 4-5).

Complete the following arguments based on the corresponding prose.

1. *If science is to guide policy, then science must be trusted by the public. But people will not trust science that is carried out by scientists that are not motivated by a pure desire to discover and disseminate truth. So if science should guide policy in democratic states, then... (p. 5)*

If _____

then _____

But _____

So, if _____

then _____

2. *If science is to guide policy, then scientists must assert certain value judgments. And science should guide policy. So...*

If _____

then _____

And _____

So _____

How do those last two arguments best fit the views of Heather Douglas and W.E.B. Dubois?

- (a) Douglas and Du Bois accept both 1 and 2.
- (b) Douglas and Du Bois reject both 1 and 2
- (c) Douglas accepts 1, but rejects 2 while Du Bois rejects 1, but accepts 2.
- (d) Douglas rejects 1, but accepts 2 while Du Bois accepts 1, but rejects 2.
- (e) None of the above.

Imagine scientists discover something that, if reported, would have disastrous consequences (e.g., it would confirm a racist, sexist, or otherwise prejudiced belief). How would Du Bois want to handle the discovery?

- (a) Do not publish the discovery.
- (b) Publish the discovery, but warn people about its disastrous consequences.
- (c) Publish the discovery regardless the consequences.
- (d) a and b
- (e) None of the above

Explain, in your own words, Du Bois's two responses to the claim that if scientists publish discoveries with disastrous consequences, then they undermine the mediate aim of science (p. 9).

In your words, explain the "small difference" between Heather Douglas' and W.E.B. Du Bois' views (p. 10).