



ANNEX: QUESTIONNAIRE

Item 1a: 3 black tokens and 1 white token are placed inside urn A. Urn B contains 2 black tokens and 1 white token. (Look at the drawing):

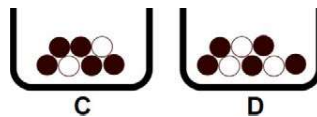


If you have to draw a black token to win a prize, without looking inside the urn, which urn would you choose to draw from? Indicate the correct answer:

- (A) Urn A provides a greater chance of drawing a black token.
- (B) Urn B provides a greater chance of drawing a black token.
- (C) Both urns provide the same possibility.
- (D) I don't know.

Item 1b: Why?

Item 2a: Two other urns have inside some black tokens and some white tokens (Look at the drawing):



- Urn C: 5 black and 2 white.
- Urn D: 5 black and 3 white.

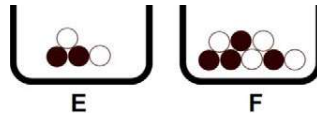
From which urn (C or D) is it more likely to draw a black token? Or, on the contrary, do both give the same possibility?

- (A) Urn C.
- (B) Urn D.
- (C) The same possibility.
- (D) I don't know.

Item 2b: Why?



Item 3a: Two other different urns also have black and white tokens (Look at the drawing):



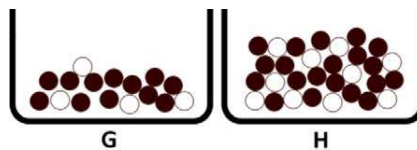
- Urn E: 2 black and 2 white.
- Urn F: 4 black and 4 white.

Which urn provides the best chance of drawing a black token?

- (A) Urn E.
- (B) Urn F.
- (C) The same possibility.
- (D) I don't know.

Item 3b: Why?

Item 4a: Two other different urns have black and white tokens (Look at the drawing):



- Urn G: 12 black and 4 white.
- Urn H: 20 black and 10 white.

Which urn provides the best chance to draw a black token?

- (A) The same possibility.
- (B) Urn G.
- (C) Urn H.
- (D) I don't know.

Item 4b: Why?



Item 5a: Two other urns different from the above have black and white tokens (Look at the drawing):



- Urn J: 3 black and 1 white.
- Urn K: 6 black and 2 white.

Which urn provides the greater chance of drawing a black token?

- (A) The same possibility.
- (B) Urn J.
- (C) Urn K.
- (D) I don't know.

Item 5b: Why?