

## PC211 Paper Challenge Questionnaire

### Description:

Biological Safety Cabinets (BSCs) are recognized to be important equipment in microbiology laboratories because working within the cabinet can reduce the risk of spreading microbial agents from the sample to workers/operators and the laboratory environment, as well as reducing the risk of accidentally contaminating samples.

Consistent with the Canadian Biosafety Handbook, second edition, which of the following statements is/are TRUE, with respect to reducing the risk of contamination of the sample or worker/operator, in relation to the use of BSCs?

- A. Ultraviolet light is a powerful tool that is highly effective for reducing all microbial pathogens that were missed by routine BSC decontamination procedures.
- B. Products containing bleach must not be used in decontamination of BSCs because they will cause irreparable damage.
- C. Waste materials must always be immediately removed from the interior of the BSCs while working because they represent a risk to both specimens and the operators.
- D. Never use ethanol in a BSC because of its propensity to flash flame.
- E. All of the above are correct
- F. None of the above are correct.