

Biosafety Quiz for Principal Investigators

Name:

Lab #:

Date:

Based on the Health Canada Laboratory Biosafety Guidelines, 2004 to be found at the following link:
<http://www.phac-aspc.gc.ca/ols-bsl/lbg-ldmbl/>

1) Biosafety guidelines cover the following areas (Chap. 1)

- engineering requirements
- technical requirements
- operational requirements
- physical requirements

2) List four items to be covered in a risk assessment for use of a biological agent. (Chap. 2)

3) List 10 areas of responsibility which fall under the Biosafety Committee and / or Biosafety Manager. (Chap. 2)

*

*

*

*

*

*

*

*

*

*

4) Explain how your laboratory maintains a paper trail of all biological agents. (Chap. 2)

5) Describe the process for the transportation of biological agents. (import or export)

6) Summarize the spill protocol for your lab. (Chap. 3)

7) Summarize the use, storage and cleaning of lab coats in your area. (Chap. 3)

8) List the items in your lab which ensures compliance with matrix 5. (Chap. 4)

9) What two additional guidelines cover the use of animals? (Chap. 7)

10) Explain why cell lines need to be evaluated for biohazard level. (Chap. 7)

11) Explain the prohibition of using self cell experiments. (Chap. 7)

12) Give examples in your lab of:

a) the use of disinfection

b) the use of sterilization (Chap. 8)

13) How have you determined the effectiveness of your disinfectant against the organism(s) which you are culturing? (Chap. 8)

14) What Class and Type of cabinet is used in your lab? (Chap. 9)

15) What are your responsibilities as a supervisor in your area? (Due diligence)

“no biosafety cabinet or other facility or procedure alone guarantees safety unless the users operate safe techniques based on informed understanding” *WHO Laboratory Biosafety Manual*