

## APS101

Circle letter of best answer to each question.  
You must correctly answer 8 of 10 questions to pass.

1. If you witness any unsafe work being done that puts you or others in a dangerous situation, you have the RIGHT and OBLIGATION to stop the work and notify your host
  - a. True
  - b. False
  
2. Restricted areas at the APS (where construction or maintenance work is being done) are marked with rope or barricade tape. To enter such areas, you must
  - a. Write an individual work and safety plan for yourself
  - b. Enter only with the authorization of the person in charge of the work
  - c. Follow all posted safety requirements (e.g., clothing and equipment)
  - d. Both b and c
  
3. You are allowed to use the hoists in the experiment stations only if you have both permission and training from your host beamline.
  - a. True
  - b. False
  
4. To use the machine shop in your beamline's laboratory office module/LOM, you must
  - a. Receive an orientation to the shop from your host beamline
  - b. Have your name added to the list of authorized shop users
  - c. Show that you can properly operate the machinery
  - d. All of the above
  
5. If your experiment involves a Class 3 or Class 4 laser, which of the following statements are true?
  - a. No special training requirements apply
  - b. Your experiment design MUST include a written procedure for the laser use
  - c. You are required to take a laser training course
  - d. Both b and c

6. Beamline components that are under configuration control can only be moved when a configuration control work permit has been approved and posted.
  - a. True
  - b. False
  
7. Before conducting hands-on work at the APS the user must complete which of the following items:
  - a. Register as an APS user
  - b. Receive permission to come to the APS
  - c. Establish current General Employee Radiation training (GERT) Status
  - d. Sign forms indicating your agreement to comply with APS/ANL requirements
  - e. All of the above
  
8. When publishing results of research conducted at the APS you should acknowledge the use of the APS and your host CAT.
  - a. True
  - b. False
  
9. When should you complete an Experiment Safety Assessment Form (ESAF)
  - a. Before you arrive to the APS
  - b. While you are here at the APS
  - c. After you have concluded your experiment and have returned to your home institution
  
10. Two points are common to all Personnel Safety Systems (PSS):
  - a. The control panels are identical and they have emergency beam stop buttons
  - b. A search and secure procedure must be conducted before beam will be allowed in the station, and they all contain 'Emergency Beam Stop' and 'Door Disable' buttons
  - c. Hutch doors can be opened manually from inside the station, and all stations contain 'Emergency Beam Stop' buttons
  - d. None of the above

## ESH100U

Circle letter of best answer to each question.  
You must correctly answer 8 of 10 questions to pass.

1. If you witness any unsafe work being done that puts you or others in a dangerous situation, you have the **RIGHT** and **OBLIGATION** to stop the work and notify your host CAT and floor coordinator.
  - a. True
  - b. False
  
2. For any emergency, what should you do?
  - a. Report the emergency by dialing 911 from an Argonne telephone
  - b. Notify your local host
  - c. Both a and b
  - d. Yell "Help"
  
3. How will you know if a tornado is approaching Argonne?
  - a. By means of a voice notification over the indoor site-wide public-address system
  - b. By hearing an outdoor siren
  - c. By checking the local weather Web page
  - d. Either a or b
  
4. How can you determine that it is safe to return to your building after a fire incident?
  - a. An area emergency Supervisor (AES) wearing an orange cap will inform you that it is okay
  - b. Once there is no visible smoke, it is okay to return
  - c. Once all emergency response vehicles are gone, it is okay to return
  - d. None of the above

5. People operating motor vehicles on the Argonne National Laboratory site must follow which of these rules?
  - a. Obey all traffic signs
  - b. Yield the right of way to all pedestrians
  - c. The Illinois Motor Vehicle Code
  - d. All of the above
  
6. Alcohol can be consumed on the Argonne site under which of the following conditions?
  - a. At approved Argonne functions
  - b. At meals in the Argonne Guest House dining room
  - c. In the LOMs late at night
  - d. Both a and b
  
7. Smoking is permitted in the Argonne cafeteria and Argonne Guest House dining room.
  - a. True
  - b. False
  
8. You suspect that the computer you are using at Argonne has come under attack. What should you do?
  - a. Call 911
  - b. Report the problem immediately to your host
  - c. Nothing; wait to see what happens
  - d. None of the above
  
9. It is your right to know the identity of all chemicals to which you might be exposed, as well as the hazards associated to them in the laboratory you will be working in.
  - a. True
  - b. False
  
10. You are not allowed to work alone with activities involving significant hazards.
  - a. True
  - b. False

## **Answer Key**

### **APS101**

1. A
2. D
3. A
4. D
5. D
6. A
7. E
8. A
9. A
10. B

### **ESH100U**

1. A
2. C
3. D
4. A
5. D
6. D
7. B
8. B
9. A
10. A