









SUGGESTED GRADE 9 TEST QUESTIONS: CHEMICAL HAZARDS (WITH ANSWERS)

NOTE TO TEACHER: Students should take this test and receive a passing grade before you allow them to do any lab work.

True/False Questions

1.	Safety glasses must be worn whenever chemicals are used in an experiment.	T
2.	At the end of an experiment, all remaining chemicals are to be poured down the sink.	F
3.	Never handle chemicals with your bare hands.	T
4.	In order to determine the odour of a chemical, always put your head/face directly over the container opening and inhale deeply to get the best sample.	F
5.	Chemical spills should be left until the end of class before they are cleaned up.	F
6.	Always return excess chemicals to the original container.	F
7.	Tasting chemicals is an excellent way to determine a material's physical properties.	F
8.	When heating chemicals in a test tube, always direct the tube to the centre of the classroom so as not to splash walls and windows.	F
9.	If clothing ignites, smother with a fire blanket or roll on the floor to smother flames.	T
10.	For our purposes, safety symbols can be divided into two categories: hazardous household product symbols and WHMIS symbols.	T

For the following WHMIS symbols, enter the letter which is the correct definition:

11.		___ I ___	A. Dangerously reactive material
12.		___ F ___	B. Poisonous & infectious material – Division 2
13.		___ G ___	C. Compressed air
14.		___ L ___	D. Oxidizing material
15.		___ B ___	E. Polymer
16.		___ A ___	F. Poisonous & infectious material – Division 1
17.		___ C ___	G. Flammable & combustible material
18.		___ D ___	H. Compressed gas
			I. Poisonous & infectious material – Division 3
			J. Simple asphyxiant
			K. Radioactive material
			L. Corrosive material

Circle the correct answer:

19. WHMIS means

- a) Working Hard Means I Succeed
- b) Workplace Hazardous Materials Information System
- c) Workplace Hazards Might Injure Someone
- d) With Hazardous Materials Make It Safe
- e) Where Has My Intelligence Scooted?

20. Which is not one of the goals of WHMIS?

- a) make the workplace safer
- b) help employees understand the risks they face on the job
- c) creating a standardized system that everyone can understand and is consistent from job site to job site
- d) protect the rights of employers exclusively.

21. The greatest amount of detailed information about a hazardous material can be found by reading

- a) the MSDS
- b) the WHMIS label on a product container
- c) the WHMIS symbol
- d) both b and c.

22. Before using any chemical for the first time, you should at least read

- a) the MSDS
- b) the WHMIS label on a product container
- c) the WHMIS symbol
- d) both b and c.

23. Which of the following is a responsibility of your employer?

- a) train you properly in the safe use of chemicals and equipment
- b) maintain a safe working environment
- c) take action to correct unsafe working conditions immediately
- d) maintain a current file of MSDSs
- e) all of these.

24. All injuries, no matter how minor, should be reported to your teacher, supervisor, or first aid attendant

- a) true
- b) false
- c) depends on how minor the injury
- d) depends on what part of your body was affected.

25. The last thing you should do before you finish a lab is

- a) wash your hands
 - b) turn off the lights
 - c) put away all chemicals and equipment
 - d) hand in your lab report.
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