

Detailed Course Schedule of Safety Physics 200

Week Number	Day	Time	Branch No	Topic	
Week One	Sat.	1-2	JA	<p>😊 Chap.1: Student Responsibilities</p> <ul style="list-style-type: none"> ♥ Introduction about this Chapter ♥ Safety Dictionary Expressions of chap.1 <p>(1) Laboratory Student Responsibilities: Before Entering the Lab.</p>	
		2-3	HA		
	Week Two	W	9-10		HB
1-2			CA		
Week Three		Sat.	1-2		JA
	2-3		HA		
	Week Four	W	9-10	HB	
1-2			CA		
Week Five		Sat.	1-2	JA	<p>😊 Chap.3: Working with Electricity</p>
	2-3		HA		
	Week Five	W	9-10	HB	
1-2			CA		

Week Number	Day	Time	Branch No	Topic
Week Six	Sat.	1-2	JA	☹️ Chap.5: High Voltage Safety and Electronics Equipment Considerations
		2-3	HA	
	W	9-10 1-2	HB CA	
Week Seven	Sat.	1-2	JA	😊 Chap. 6: Compressed Gas Cylinders
		2-3	HA	
	W	9-10 1-2	HB CA	
Week Eight	Sat.	1-2	JA	😊 Chap.7: General Precautions When Using Lasers
		2-3	HA	
	W	9-10 1-2	HB CA	
Week Nine	Sat.	1-2	JA	☹️ Chap. 8: Radiation Safety; X-Radiation and Nuclear Radiation
		2-3	HA	
	W	9-10 1-2	HB CA	
Week Ten	Sat.	1-2	JA	☹️ Chap. 9: What to do if an Injury Incident Occurs
		2-3	HA	
	W	9-10 1-2	HB CA	
Week Eleven	Sat.	1-2	JA	😊 Chap. 10: First aid Kit
		2-3	HA	
	W	9-10 1-2	HB CA	

Distribution of course grades

1 st Exam	Mid Exam	2 nd Exam	Final Exam	Total Marks
۲۰	۲۰	۲۰	۴۰	۱۰۰
20%	20%	%۲۰	۴۰%	100%

Sample Questions

Question Four (1): Put the sign or in the box front the suitable sentences

Q-4.a Your success will depend on your attitude and good manner and responsibility

Q-4.b You have to read and know carefully the caution, stickers or labels stacked in the lab

Q-4.c Proper lab technique is essential to the education of successful scientist

Q-4.d You have to handle the chemicals compound by your hand carefully

Q-4.e If you use toxic hazard materials you can work at any area inside the lab

Q-4.f Work areas inside the lab should be kept clean and tidy at all times

Q-4.g You have to wear safety goggles and gloves when working with dangerous chemicals

Q-4.h Contact lenses shouldn't be worn in the lab unless you have permission from instructor

Question (2): Put the sign or in the box front the suitable sentence

Q-2a All circuits can install, maintain and ground by all people.

Q-2b Read and follow instructions before handling any electrical device.

Q-2c If you want to disconnect the equipment, grip plug from the cord.

Q-2d Amount of current, passes through a body depends on the ratio of V & R.

Q-2e Wet skin has a much higher resistance to current than dry skin.

Question one (3): Select the correct answer (by circle) from the following:

Q-1.a Is able to destroy solid materials by chemical reaction

- (a) Irreplaceable**
- (b) Corrosive**
- (c) Dangerous**

Q-1.b The substances which can cause Cancer or Medical term are called:

- (a) Carcinogens**
- (b) Hazard**
- (c) Not Safety materials**

Q-1.c Flammable means that:

- (a) Fast and moves easily**
- (b) Fast and Burns easily**
- (c) Fast and drays easily**

Q-1.d Appliance:

- (a) Electrical powers**
- (b) Electrical shocks**
- (c) Electrical devices**

Q-1.e The Current from 0.1- 0.2 amps can cause

- (a) Can cause pain**
- (b) Can cause death**
- (c) Can cause tangling**

Q-1.f Sometimes electrical incidence is very dangerous because of

- (a) Impair the ability of the person to breath**
- (b) Impair the disability of person to breath**
- (c) Impair the ability of the person to brush**

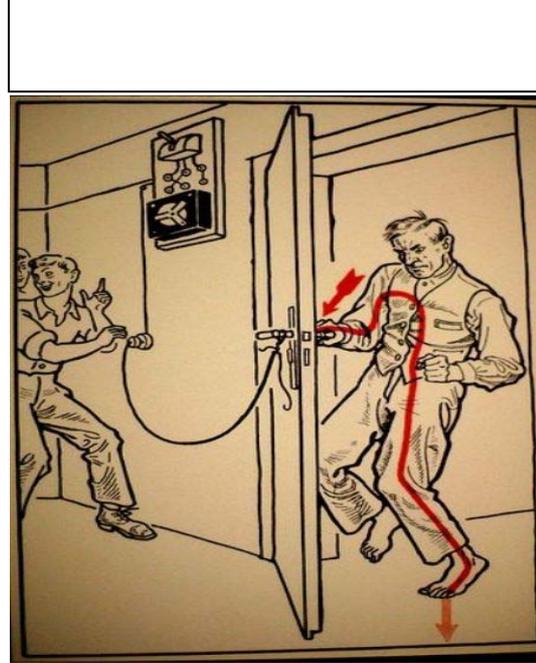
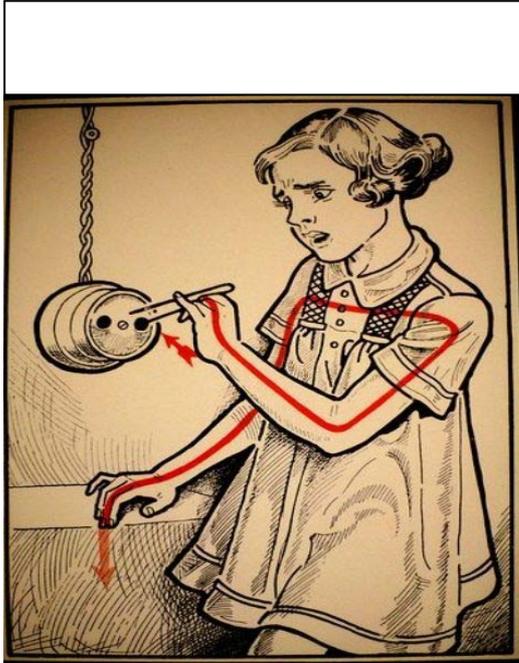
Q-1.g Expose wires of electricity are very hazardous;

- (a) Because they are usually hidden but uncover**
- (b) Because they are usually hidden but it cover**
- (c) Because they are usually unhidden but cover**

Q-1.h Stay away from electricity substations because;

- (a) They contain special equipments with invisible fences**
 - (b) They contain special equipments with invisible devices**
 - (c) They contain special equipments with invisible hazards**
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Question 5: Label each Picture with the suitable warning



Question Four (6): Put the sign or in the box front the suitable sentences

- Q-2-3a Safety training center has to recognize hazard from compressed gas that cause death
- Q-2-3b The standards duty requirements are option but are not requires for employers
- Q-2-3c Training center has to order the employees to fill checklist before they use compressed gas
- Q-2-3d Contents of any compressed gas cylinder mustn't be clearly identified
- Q-2-3e If label on a cylinder or an attached tag is unclear it should be marked contents unknown
- Q-5-f Eye examination on a 6-9-year schedule shows if subtle change in the various systems of eye
- Q-5-g If no responsible person is in Laser room, it should be opened to allow others from entering
- Q-5-h Causation danger laser label for its high power should be set up in area to which access can control
- Q-5-i A premature aging occur for the person who expose to damage of the ionizing radiation
- Q-5-j Symptoms of radiations are nausea, weakness, hair loss, skin burns and reduced organ functions

(symptoms: تعني أعراض)