Week 10 Assessment NEW

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1) UV Light is necessary in a Class II biosafety cabinet
   - True
   - False
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers: True

2) When working with hazardous biological material, identify the best place to perform the work:
   - In the Laboratory fume hood
   - In a Biological Safety Cabinet
   - In the laboratory bench
   - On a class bench, wearing a dust mask
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers: A Biological Safety Cabinet

3) UV Light is necessary in a Class II biosafety cabinet
   - True
   - False
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers: False

4) What are the incubator parameters most important for in vitro cell culture?
   - Temperature: 37°C, Relative Humidity: 95%, CO2 concentration: 5%
   - Temperature: 37°C, Relative Humidity: 95%, CO2 concentration: 1%
   - Temperature: 32°C, Relative Humidity: 95%, CO2 concentration: 4%
   - Temperature: 35°C, Relative Humidity: 95%, CO2 concentration: 1%
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers: Temperature: 37°C, Relative Humidity: 95%, CO2 concentration: 5%

5) To prevent spread of germs, prior to disposal of hazardous waste, which step must be followed:
   - Autoclave
   - Closed Container
   - Burning
   - Cleaning
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers: Closed Container

6) Provide working of these tools to which this slice can be performed:
   - Microscope
   - Microtome
   - Micrometer
   - Sterilizer
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers: Microtome

7) Chemicals that enhance growth in in-vitro cultures are:
   - Dulbecco’s Modified Essential Medium
   - Isotonic Modified Dulbecco’s Medium
   - Sigma’s balanced media
   - All the above
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers: All the above

8) Container used for preserving moisture sensitive samples is:
   - Hot plate
   - Desiccator
   - Safety cabinet
   - Incubator
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers: Desiccator

9) The Virtual Bench in the video lecture offers which of these features:
   - Mixed signal oscilloscope, Function generator, Digital multimeter
   - Programmer power source
   - Only a
   - Both skills
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers: Both skills

10) Data Acquisition system has an input signal conditioning unit. What is the role of a signal conditioning circuit?
    - attenuating the voltage
    - maintaining a constant voltage
    - keeping the voltage zero
    - boosting the voltage
    - No, the answer is incorrect.
    - Score: 0
    - Accepted Answers: Attenuating the voltage