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Assignment, Microbiology

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Q,1: What are laboratory protocols? Write down in detail all instructions required for lab staff to work in medial lab according to the standard protocols?

### **Answer,.. LABORATORY PROTOCOLS**

Laboratory protocol is defined as all those techniques which are beneficial for a patients during treatment in Lab with Lab worker is called laboratory protocol. Lab worker to wear mask to protect others from infection specially in this pandemic situation. Lab worker must used a proper uniform according to the role of his department .Lab worker should provide detail step by step instructions for analyzing bacteria animal and plant viruses, fungi, protozoans and other microbes. Necessary for all workers in lab to used modern techniques and concept, such as biofilms and PCR. Lab worker must know about the modern way of treatment. He must use glasses to protect himself from chemical are spread in air. For lab worker should keep assistant to help him in critical condition. He never keep in pocket any type of metal because it create attraction with magnetic fields ,if he or,she working in radiology lab.

### **INSTRUCTIONS FOR LAB STAFF**

Necessary for a lab worker to make check other disease before present disease. If there is a fire drill, be sure turned off all electrical equipment and close all container. Always work in properly ventilated area. Do not chew gum,drink or eat while working in lab. Laboratory glassware should never utilize as food or beverage container. Each time you used glassware, be sure to check it for crack. Notify your lab supervisor of anyone damage glassware so it can be properly disposed of. Never use lab equipment that you are not approved or trained by your supervisor to operate. Open flame should never used with out permission of his supervisor. Lab areas containing carcinogens, radioisotope,biohazard and lasers should be properly marked with appropriate warning signs. Ensure you are fully aware of your facility found in lab.

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Q,;2,Write the prevalence statistical data of Sars cov2(Covid 19) around the globe ?

### **Answer,.. STATISTICAL DATA OF COVID 19 AROUND THE GLOBE**

The current population of the world reached up to 7,797,006,688,almost half of one third is affected by the corona viruses. The new birth today is about 73,449,635 in present year and the rates of death caused by corona viruses is about 30,835,917 in present year. The death today caused by corona viruses is 60,591 all over the world. Public health may expend 5,686,270,970 dollars today over the patients of corona viruses. New books title about corona research

published are about 1,406,128 this year. About 179,060,170 newspaper are circulated in case of corona viruses all over the world. About 844,352,176 population are unable to go for test of corona viruses due to poverty. The corona viruses changed its shape as a result it never cause complex disease according to the research of United state.