



Version 2

Station 1 : Case (2000 kcal diet)

Q1) What are the proper proportions of protein in a balanced diet ?

Q2) How many calories in 1 g protein ?

Q3) Calculate the required grams of protein ?

Station 2 : Case (1800 kcal diet)

Q1) What are the proper proportions of fat in a balanced diet ?

Q2) How many calories in 1 g fat ?

Q3) Calculate the required grams of fat ?

Station 3 : 6 month vaccinations table

Q1) Complete the following table:

	Salk vaccine	0.5 cm	Intramuscular left thigh
6 months	?	?	?
	?	?	?

Station 4 : Case (COVID-19 epidemic)

Q1) Define Surveillance and mention three objectives ?

Q3) Enumerate disadvantages of passive surveillance?

Q2) When should notification be done in this case?

Version 2 (Cont..)

Station 5 :

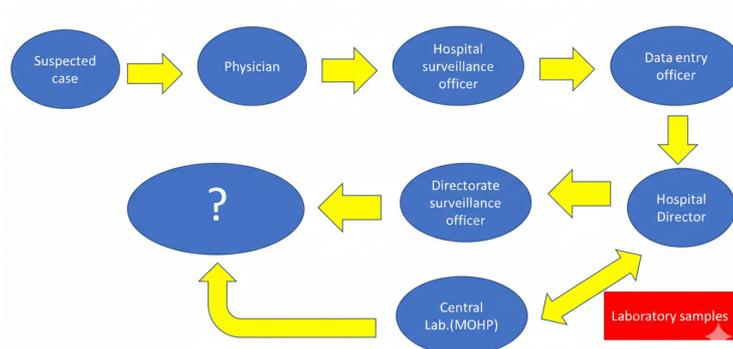
Q1) Define a confirmed case ?

Q2) Enumerate three ecological factors in case epidemics surveillance?

Q3) Case scenario (Incubation period = 48 hours - Epidemic started on day 1 - Last case on day 3) What is the surveillance period for COVID-19?

Station 6 :

Q1) Complete the following diagram ?



Q2) Classify surveillance according to the required time of notification as determined by the Egyptian Ministry of Health and Population (MOHP) ?

Station 7 : Vaccine Vial monitor (Picture)

Q1) Identify ?

Q2) What does color change indicate?

Q3) Mention two other cold chain monitoring equipment ?



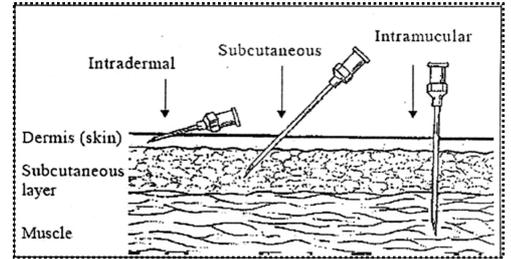
Version 2 (Cont..)

Station 8:

Q1) What vaccine is given to neonates by SC route?

Q2) Which disease does this vaccine protect against?

Q3) Which vaccine is stored on the middle shelf of the refrigerator?



Station 9 : Epidemic curve with plateau (Picture)

Q1) Identify the type of epidemic curve ?

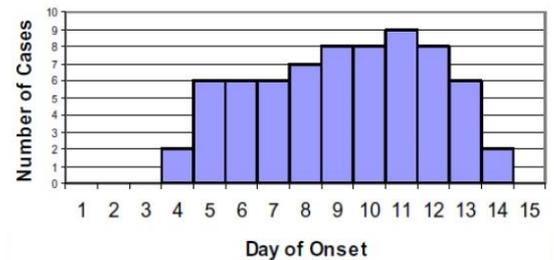
Q2) Mention two other types of epidemic curves ?

Q3) Which of the following represents this curve :

A- Intermittent contamination of community water supply

B- Continuous contamination of community water supply

C- Multiple waves of infection due to secondary & tertiary cases



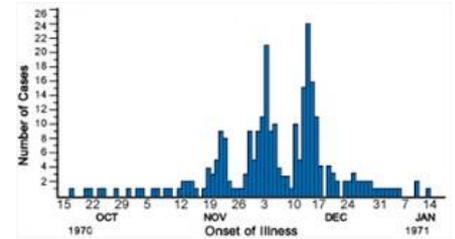
End of Version 2



Version 3

Station 1 : Propagated Curve (Picture)

Q1) Identify the type of epidemic curve and mention the characteristics of this curve ?



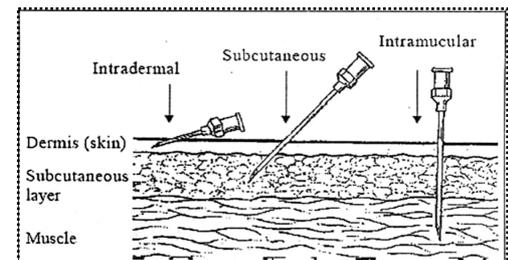
Q2) Case (Food poisoning with Hepatitis - After drawing the epidemic curve, it showed a plateau)

What is the type of of epidemic curve in this outbreak ?

Station 2 :

Q1) What is route and site of BCG ?

Q2) Mention the vaccines given at school age ?



Station 3 : Case(Pregnant female (First trimester))

Q1) How many extra calories are required?

Q2) Mention two factors that decrease energy requirements?

Q3) If body temperature increases by 10°C, what happens to energy requirements?

Station 4 : Case(Pregnant female (Second trimester))

Q1) How many extra calories are required?

Q2) Mention two factors that increase energy requirements?

Q3) If body temperature decreases by 10°C, what happens to energy requirements?

Version 3 (Cont..)

Station 5 : Vaccine Carrier (Picture)

Q1) Identify and mention duration of vaccine preservation ?

Q2) What damage vaccines ?

Q3) If there is an excess of polio vaccine in the refrigerator, where should it be stored?



Station 6 : Case (Plateau in epidemic curve)

Q1) Identify the type of epidemic curve ?

Q2) Compare between curve identified above and Point source epidemic curve ?

Station 7 : Case (Actual weight = 60 kg – Ideal weight = 80 kg)

Q1) Calculate Relative Weight (RW) ?

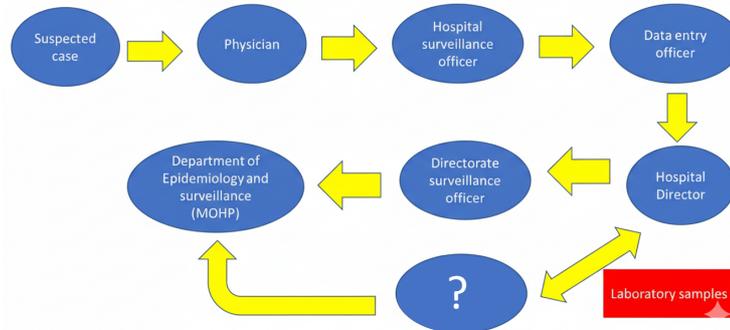
Q2) Interpret the result ?

Q3) Range of mild malnutrition (from ___ to ___)

Version 3 (Cont..)

Station 8:

Q1) Complete the following diagram ?



Q2) Write scientific name of the following types of surveillance according to methods of data collection :

A- Health authorities rely on health care providers or labs to report cases of disease ?

B- Health authorities contact health care providers or labs requesting information about possible cases ?

Station 9 : If the hospital/health facility is NOT connected to the internet

Q1) When should the health directorate notify MOHP for :

A- Food poisoning:

B- Viral Hepatitis :

Q2) What's the types of surveillance depends on selecting reporting units to identify & notify the disease ?

Q3) If the hospital/health facility is connected to the internet . When should the Health Directorate notify MOHP for seasonal flu ?

End of Version 3