

# *Global Health*

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# *Lecture 1*

- *Which of the following is NOT correct regarding the concept of Global Health:*
- *A. It encompasses issues that concern many countries or is affected by transnational determinants*
- *B. It involves many disciplines within and beyond health sciences*
- *C. It was first introduced due to the spread of plague, cholera, smallpox and other mass afflictions*
- *D. An area for research and practice that places a priority on achieving equity in health for all people worldwide*
  
- *Answer: C*

- *Provide adequate levels of health worldwide:*
- *A. Global Health*
- *B. Public health*
- *C. International health*
- *D. Health equity*
- *E. Health equality*
  
- *Answer: A*

- *Global health, international health and public health are important concepts that should not be used interchangeably, Which of the following statements provides incorrect distinction between these concepts:*
- *A. Global health and international health require cooperation between more than one nation, whereas public health often does not*
- *B. Public health focuses on health issues of particular communities, whereas global health focuses on health issues that transcend national boundaries*
- *C. Global health and international health embrace both populations and individuals care, whereas public health focuses on prevention programs for populations*
- *D. Public health embraces a few disciplines, whereas a multidisciplinary approach is needed for both global health and international health*
  
- *Answer: D*

- *Addressing disparities through providing people what they need to reach their best health is the ultimate goal of:*
- *A. International health*
- *B. Equity*
- *C. Equality*
- *D. Global health*
- *E. Public health*
  
- *Answer: D*

- *All of the following would help improving **health equity**, EXCEPT:*
- *A. Rate of improvement should be faster for the socially disadvantage groups*
- *B. Rate of improvement should be the same for all people*
- *C. Social differences should be taken into account in population health interventions*
- *D. Health policies should be assessed for their distributional impacts across different socioeconomic groups*
  
- *Answer: B*

- *Which of the following is false regarding **global health**:*
- *A. Focuses on issues that cannot pass national boundaries*
- *B. Requires global cooperation*
- *C. Requires great inter-disciplinary approach*
- *D. A+C*
  
- *Answer: A*



- Which of the following is true regarding *International health*:
- A. Involves tri-national -or more-cooperation
- B. Concerned with natural disasters
- C. Resembled by a nation seeking help from other nations
- D. B+C
  
- Answer: D

- *Global health solutions include all of the following EXCEPT:*
- *A. Polio eradication*
- *B. Donations to poor countries*
- *C. Containment of avian influenza*
- *D. Approaches to tobacco control*
  
- *Answer: B*

- *All of the following statements about Public health are true EXCEPT:*
- *A. IT focuses on the population*
- *B. emphasize on prevention vs. cure*
- *C. development and implementation of solutions strongly require global cooperation*
- *D. concerned about social justice & Equity*
  
- *Answer: C*

- *Which of the following statements is NOT correct regarding differences between **global health, international health and public health**:*
- *A. Both global health and international health require multidisciplinary approach, whereas public health embraces a few disciplines*
- *B. Global health focuses on health issues that transcend national boundaries, whereas public health focuses on health issues of particular communities*
- *C. Global health and international health require cooperation between more than one nation, whereas public health often does not*
- *D. Public health focuses on prevention programs for populations, whereas global health and international health embrace both populations and individuals care*
  
- *Answer: A*

- *Which of the following can be considered a **health inequality** issue:*
- *A. Health differences arising from childhood disabilities*
- *B. Health differences arising from health insurance coverage*
- *C. Health differences arising from cultural exclusion*
- *D. Health differences arising from poor governance*
  
- *Answer: A*

- *Global health can be attained by combining population-based health promotion and disease prevention measures with individual-level clinical care. This statement is:*
- *A. True*
- *B. False*
  
- *Answer: A*

- *Providing more rest hours for overnight-workers is an example of:*
- *Answer: **Equity***

## *Lecture 2*



- *Five household members were exposed to the 2019-nCoV. Three of them were passive carriers, one developed moderate GI symptoms, while one died to a severe pneumonia. These variations can be mostly attributed to which of the following viral characteristics:*
  - *A. Pathogenesis*
  - *B. Pathogenicity*
  - *C. Virulence*
  - *D. Invasiveness*
- *Answer: C*

- *The prevalence of a disease in the population will mostly stay constant in all of the following circumstances, except:*
- *A. If survival time with the disease increases*
- *B. If the incidence rate of the disease falls*
- *C. If recovery of the disease is faster*
- *D. If the population in which the disease is measured increases*
  
- *Answer: A*

- About *Holoendemic* MEANS:
- A. outbreak or occurrence of one specific disease from a single source, in a group population, community, or geographical area, in excess of the usual level of expectancy
- B. persistent level of activity beyond or above the expected prevalence
- C. a disease that is highly prevalent in a population and is commonly acquired early in life in most all of the children of the population
- D. disease or condition present among a population at all times
  
- Answer: C

- *Prevalence relies on which of the following factors:*
- *A. How many people have had the disease in the past*
- *B. The age of the population*
- *C. The environmental factors in the population*
- *D. All the above*
  
- *Answer: A*

- *Someone who was exposed and harbors the disease but doesn't show symptoms:*
- *A. Active carrier*
- *B. Passive carrier*
- *C. Convalescent carrier*
- *D. Latent carrier*
  
- *Answer: B*

- About *Herd Immunity* is:
- A. When body produces its own antibodies
- B. The resistance a population or group has to the invasion and spread of an infectious disease
- C. Acquired through transplacental transfer of a mother's immunity to diseases to the unborn child
- D. None of the above
  
- Answer: B

- *The essential characteristics of disease we look for in **descriptive epidemiology** are:*
- *A. Person*
- *B. Place*
- *C. Time*
- *D. A+C*
- *E. All of The above*
  
- *Answer: E*

- *Ghana has a constant level of this malaria all the time, then malaria is \_\_\_ in Ghana:*
- *A. Epidemic*
- *B. Pandemic*
- *C. Endemic*
- *D. Hyperendemic*
  
- *Answer: C*



- *In an African village of 50,000 population, 50 cases of Malaria were reported in the month of July, and around 500 were classified as 'at risk'. The point prevalence of Malaria in July per thousand population is:*
- *A. We cannot calculate the point prevalence based on given data*
- *B. 0.1*
- *C. 1*
- *D. 0.001*
  
- *Answer: C*

- *Which of the following factors contribute to the outbreak of a disease:*
- *A. Role of the host*
- *B. Time*
- *C. Environmental circumstances*
- *D. all the above*
- *E. A+C*
  
- *Answer: D*

- *Epidemiologists use a triad model for studying infectious disease and its spread. In that model, the organism that harbors the disease is called:*
- *A. Organism*
- *B. Host*
- *C. Transmission*
- *D. Vector*
  
- *Answer: B*

- *Five cases of chest infection reached an emergency department. Clinical examinations and X-rays showed that 4 out of these cases developed mild respiratory symptoms, while one of them developed a pneumonia. The characteristic of the organism of chest infection that made the difference in these cases is called:*
  - *A. Toxicity*
  - *B. Invasiveness*
  - *C. Pathogenicity*
  - *D. pathogenesis*
- *Answer: C*

- *All of the following are considered **indirect** disease transmission modes EXCEPT:*
- *A. Fomites*
- *B. Sneezing*
- *C. Contaminated hands*
- *D. Zoonosis*
  
- *Answer: C*

- *A study of COVID-19 compares a group of patients who stayed at their homes for 14 days with a group of patients who were free to move in the community to test correlation with symptoms recovery, maybe considered as:*
- *A. Survey epidemiology*
- *B. Observational epidemiology*
- *C. Descriptive epidemiology*
- *D. Analytic epidemiology*
  
- *Answer: D*

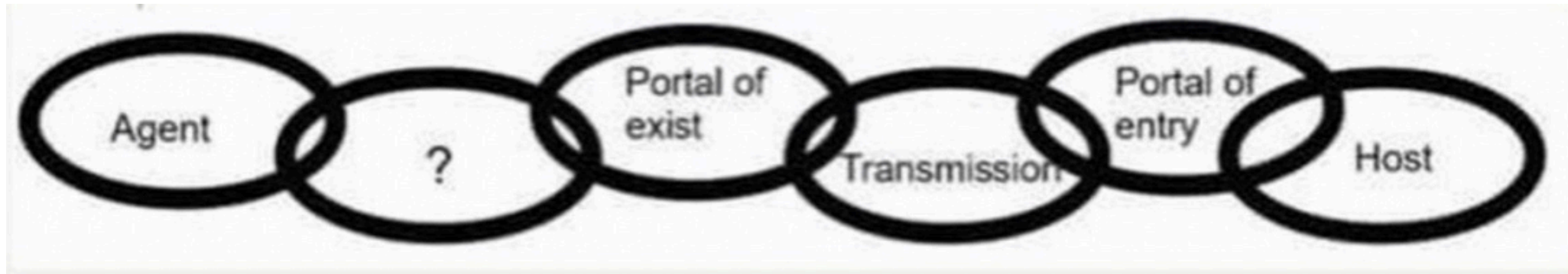
- *Which of the following is a reproductive indicator:*
- *A. Fertility rate*
- *B. Neonatal death*
- *C. Infant death*
- *D. Children under 5 years mortality*
  
- *Answer: A (maybe not required)*

- *Which of the following is not correct:*
- *Answer: Incidence is higher than prevalence in chronic diseases*
  
- *The classification “Acute -subacute-chronic” is based*
- *Answer: Duration & Severity*
  
- *Scope of epidemiology includes all of the following except:*
- *Answer: Provide optimal treatment*



- *Patient X got infected with Corona virus Prior to the Onset of symptoms, he transmitted the disease to patient Y and patient Z, Patient Y received supportive care and tested negative for the virus afterward, Patient Z had symptoms almost absent but is still testing positive for the virus. Which of the following is not correct regarding patients X, Y, and Z:*
- *A. Patient X healthy carrier; patient Y active carrier; patient a convalescent carrier*
- *B. Patient X incubatory Carrier; patient Y active carrier ; patient Z convalescent carrier*
- *C Patient X passive Carrier; patient Y active Carrier; patient Z convalescent carrier*
- *D. Patients XY and are active carriers*
  
- *Answer: B & D*

- *The attached picture shows the chain of disease transmission. The missed part represents:*



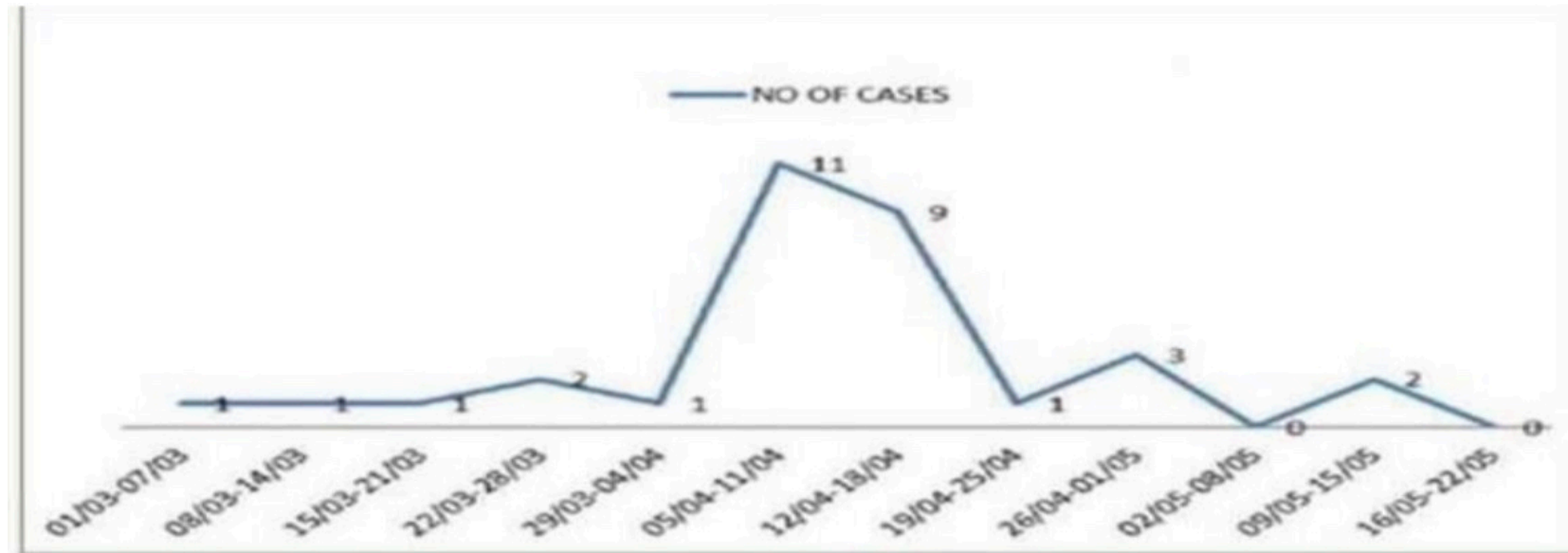
- *A. Vector*
- *B. Reservoir*
- *C. Carrier*
- *D. Fomite*
  
- *Answer: B*

- *Vaccines can provide humans with what type of immunity:*
- *A. Acquired immunity*
- *B. Passive immunity*
- *C. Natural immunity*
- *D. Positive immunity*
  
- *Answer: A*

- *Patient X was diagnosed with COVID-19 after touching a contaminated surface. Which of the following is not correct regarding this case:*
- *A. X is a reservoir of the coronavirus*
- *B. X is a host of the coronavirus*
- *C. Coronavirus is an agent*
- *D. The mode of transmission was vector-borne*
  
- *Answer: D*

- *In which one of the following circumstances will the **prevalence of a disease** in the population increase, all else being constant:*
- *A. If the incidence rate of the disease falls*
- *B. If survival time with the disease increases*
- *C. If recovery of the disease is faster*
- *D. If the population in which the disease is measured increases*
  
- *Answer: B*

- *The provided curve is describing which phenomenon:*



- *A. An epidemic of a disease*
- *B. A pandemic of a disease*
- *C. An endemic of a disease*
- *D. A hyperendemic of a disease*
  
- *Answer: A*

- *Patient who is recovering from a Tuberculosis infection but is still capable of transmitting the disease to others is considered a:*
- *A. convalescent carrier*
- *B. healthy carrier*
- *C. incubatory carrier*
- *D. passive carrier*
  
- *Answer: A*

- *Malaria is present in Africa at all times because of the presence of infected mosquitoes. Malaria is a/an \_\_\_\_\_ in Africa:*
- *A. Epidemic*
- *B. Endemic*
- *C. Holondemic*
- *D. Hyperendemic*
  
- *Answer: B*



# *Lecture 3*

- According to the **WHO's 2019** Global Health Estimates, the vast majority of communicable diseases-related deaths were caused by:
  - A. Neonatal conditions
  - B. Ischemic heart disease
  - C. Diarrheal diseases
  - D. Lower Respiratory infections
- Answer: D

- *Which of the following statements is not correct regarding the WHO's 2019 estimates of the global leading causes of deaths:*
- *A. Ischemic heart diseases are considered the leading cause of death in middle and high-income countries*
- *B. Communicable diseases remain the leading cause of death only in low income countries*
- *C. Communicable diseases are the leading cause of death in low- income countries*
- *D. Injuries are among the leading causes of death in upper-middle and high-income countries*
  
- *Answer: D*

- *According to the WHO's 2019 Jordan Health Estimates, which of the following is correct:*
- *A. Road injuries kill more Jordanian women than men*
- *B. Cardiovascular diseases kill more Jordanians than non- communicable diseases and injuries combined*
- *C. Youth die primarily by non- communicable diseases*
- *D. Communicable, maternal, perinatal, and nutritional conditions are the biggest killers*
  
- *Answer: B*

- *According to the WHO's 2019 Global Health Estimates, the vast majority of deaths were caused by:*
- *A. Injuries*
- *B. Communicable diseases*
- *C. Infections*
- *D. Non-Communicable diseases*
  
- *Answer: D*

- *According to the WHO's 2019 Jordan Health Estimates, which of the following is CORRECT:*
- *A. Road injuries kill more Jordanian women than men*
- *B. Cardiovascular diseases kill more Jordanians than non- communicable diseases and injuries combined*
- *C. Youth die primarily by non- communicable diseases*
- *D. Communicable, maternal, perinatal, and nutritional conditions are the biggest killers*
- *Answer: B*

- *Non-communicable diseases can be characterized by which of the following:*
  - *A. Non-Contagious origin*
  - *B. Functional impairment or disability*
  - *C. Long latency period*
  - *D. All answers are correct*
- 
- *Answer: D*

- *The top cause of death in **low-income countries** is:*
- *A. HIV/AIDS*
- *B. Lower respiratory infections*
- *C. Tuberculosis*
- *D. Ischemic heart diseases*
  
- *Answer: B*



- *The life expectancy at birth for **both sexes** of the global population is:*
- *A. 80.5 years*
- *B. 78.4 years*
- *C. 65 years*
- *D. 73.2 years*
- *E. 90 years*
  
- *Answer: D*

- *Which of the following is wrong about **upper middle-income countries**:*
- *A. more people die from ischemic heart diseases*
- *B. more people get sick and die from infectious diseases*
- *C. the major causes of deaths are non-communicable diseases*
- *D. many people may die because of strokes*
  
- *Answer: B*

- *Which one of the following is considered wrong about **low income countries**:*
- *A. many people die mainly from neurodegenerative disorders*
- *B. communicable diseases are more common than non-communicable*
- *C. more people die from lower respiratory infections*
- *D. strokes aren't considered the most common cause of death*
  
- *Answer: A*

- *Which statement is wrong about **high income countries**:*
- *A. Alzheimer disease and other neurodegenerative diseases occur in higher rate than low income countries*
- *B. non-communicable diseases are much more common than communicable*
- *C. the major cause of death is ischemic heart disease*
- *D. they die mainly from infections*
  
- *Answer: D*

- *Ischemic heart diseases are top leading cause in:*
- *A. Upper-middle*
- *B. Lower-middle*
- *C. High income*
- *D. All of the above*
  
- *Answer: D*

- *Highest life expectancy is in:*
- *A. Mexico*
- *B. USA*
- *C. Macao*
- *D. Japan*
- *E. Singapore*
  
- *Answer: D*

- *DM is considered from the least being killer from non-communicable disease in:*
- *A. Lower middle income*
- *B. High middle income*
- *C. High income*
- *D. Low income*
- *E. All of the above*
  
- *Answer: C*

- *Which of the following is not from nutrition indicators:*
- *A. Height for age*
- *B. Weight for age*
- *C. Weight for height*
- *D. Mid upper arm circumference*
- *E. Life expectancy*
  
- *Answer: E*



- *The leading causes of death of people 20-24 :*
- *A. Road injuries > interpersonal violence > self-harm*
- *B. Road injuries followed by suicide*
- *C. Self-harm > road injuries*
- *D. Diarrheal diseases > road injuries*
  
- *Answer: A*

- *Compared to the other countries, Jordan ranks which number in life expectancies:*
- *Answer: 95th or 88th according to the slides*
  
- *Which of the following is true:*
- *Answer: Life expectancy in Jordan for both sexes combined is 75*
  
- *Leading cause of death from the communicable disease*
- *Answer: Lower respiratory infection*
  
- *The leading cause of death in Jordan is:*
- *Answer: Ischemic heart disease despite gender*

# *Lecture 4*

- *What is the main mode of transmission of 2019-nCoV:*
- *A. Sexual contact*
- *B. Vertically to the fetus*
- *C. Respiratory droplets*
- *D. Blood transfusion*
  
- *Answer: C*

- *Which of the following is not a specific prevention method against 2019-nCoV:*
- *A. Taking vitamin C*
- *B. Practicing respiratory hygiene*
- *C. Social distancing*
- *D. Hand washing*
  
- *Answer: A*

- *Which of the following is the best treatment discovered to date for 2019-nCoV patients:*
- *A. Supportive and symptomatic treatment*
- *B. Antibiotics*
- *C. Live-attenuated vaccine*
- *D. No treatment available. Patients should live their life normally*
  
- *Answer: A*

- *Which of the following is correct regarding COVID-19 and SARS-CoV:*
- *A. Both cannot transmit directly from animals to humans*
- *B. The time elapsed between exposure to both viruses and first appearance of symptoms might be up to 14 days*
- *C. Both are caused by the same virus called Corona virus*
- *D. Both can be attenuated by antibiotics*
  
- *Answer: B*

- *Which of the following is false regarding coronaviruses:*
- *A. They are zoonotic.*
- *B. They can cause illnesses other than common cold.*
- *C. 2019-nCoV is the first identified virus from this family.*
- *D. The latest epidemic caused by these viruses started from Wuhan, China.*
- *Answer: C*



- *All of the following are recommended prevention measures for COVID-19 EXCEPT:*
- *A. Maintaining regular hand washing with soap and potable water*
- *B. Avoiding the consumption of raw animal products*
- *C. Maintaining at least 1 meter distance between oneself and other people*
- *D. Using alcohol-based hand sanitizers that contains no more than 30% alcohol*
  
- *Answer: D*

- *Hand sanitizer must have \_\_\_\_percentage of alcohol to help you avoid getting sick and spreading germs to others:*
- *A. 60%*
- *B. 50%*
- *C. 20%*
- *D. 30%*
- *E. 40%*
  
- *Answer: A*

- *Which of the following is a COVID-19 myth:*
- *A. Vitamins and mineral supplements treat COVID-19 infection*
- *B. Hydroxychloroquine does not reduce mortality of hospitalized COVID-19 patients*
- *C. Corticosteroids (Dexamethasone and Hydrocortisone) are recommended for critically ill COVID-19 patients*
- *D. The prolonged use of medical masks causes CO<sub>2</sub> intoxication or O<sub>2</sub> deficiency.*
  
- *Answer: A & D are both correct*

- *Which of the following is not a common COVID-19 symptom:*
- *A. Fatigue*
- *B. Cough*
- *C. Fever*
- *D. Blurred vision*
- *E. Loss of taste*
  
- *Answer: D*

- *Which of the following is CORRECT regarding the disease name 'COVID-19:*
- *A. The "19" refers the 19th strain of coronavirus*
- *B. The "19" refers to the year the WHO announced this official name for the disease*
- *C. The "19" refers to the year the disease was discovered and identified*
- *D. The "19" represents the numerical sequence of the novel virus*
  
- *Answer: C*

- *Which of the following is CORRECT about COVID-19 vaccines:*
- *A. Second Booster for BioNtech Pfizer is after 2 months from taking first dose*
- *B. Second Booster for Moderna is after 2 months from taking first dose*
- *C. Second Booster for J&J is after 2 months from taking first dose*
- *D. Second booster for Moderna is mRNA COVID-19 vaccines*
  
- *Answer: D*

- *Which of the following is CORRECT:*
- *Answer: The second booster for Pfizer must be an mRNA vaccine*

- *Staying apart from others when you have been exposed to COVID-19 is:*
- *Answer: Quarantine*



- *Wearing a mask is a key measure to suppress 2019-nCoV transmission. Which of the following does apply to this precaution:*
- *A. Surgical masks are designed to protect the wearer*
- *B. Surgical masks are essentially equivalent to N95 respirators*
- *C. Wearing a mask while walking the streets of the city is a good way to prevent a Covid-19 infection.*
- *D. Both fabric and surgical masks can collect viral airsoles*
- *E. None of the answers is correct*
  
- *Answer: E*

- *Which of the following is correct regarding the 2019-nCoV transmission:*
- *A. Coronavirus is soil-borne and can therefore be tracked into a home*
- *B. Coronavirus cannot multiply on surfaces*
- *C. If you cannot find hand sanitizer, you can use diluted chlorine bleach to disinfect your hands*
- *D. Sweat and bodily excretions from infected pat can contain the coronavirus and infect people*
  
- *Answer: B*

- *A person who gets the COVID-19 vaccine might test positive on a serological test:*
- *A. True*
- *B. False*
  
- *Answer: A*

- *Which of the following is a common symptom for COVID-19:*
- *A. Diarrhea*
- *B. Anxiety*
- *C. Shortness of breath*
- *D. Depression*
  
- *Answer: A & C*

- *Scientists have classified the 2019- nCov as zoonotic depending on the fact that:*
- *A. The virus spread to some animals from infected people*
- *B. The virus spread to some people from infected animals*
- *C. The genetic information of the coronavirus reveals it mutated from a virus infected a bat*
- *D. Other viruses from the coronaviruses are tro hitted primarily via animals*
  
- *Answer: A*

- *We are learning more about how COVID-19 affects people every day. We now know that:*
- *A. Physical distancing is more effective than wearing masks when exercising*
- *B. A sneeze is indicative of a possibly Covid-19-infected individual.*
- *C. 2019-NCOV can be transmitted via breastfeeding but does not cause COVID-19 in infants*
- *D. Isolation for infected people should take 14 days regardless symptoms*
  
- *Answer: A*

- *Which of the following is correct regarding 2019-nCov vaccines:*
- *A. For those who get vaccinated, vaccines may produce protection against COVID-19 but does not prevent their infection*
- *B. Current 2019-nCoV vaccines use weakened virus or a viral vector to generate an immune response*
- *C. RNA and DNA vaccines use a modified version of a different virus to deliver important instructions to human cells*
- *D. Those who were infected with 2019-nCoV do not need to take the vaccine*
  
- *Answer: A*

- *Determining whether a patient had mild, moderate or severe depression is satisfying which of the following measures:*
- *A. Morbidity rate*
- *B. Severity of disability*
- *C. Case disability ratio*
- *D. Duration of disability*
  
- *Answer: B*



- *COVID-19 spreads easily through any of the following modes EXCEPT:*
- *A. Viral follicles directly from one person to person*
- *B. Saliva droplets directly from one person to person*
- *C. Viral droplets picked up when a person touches an infected surface*
- *D. Mucus droplets directly from one person to person*
  
- *Answer: A*

- *Which of the following is correct regarding COVID-19 and SARS-CoV:*
- *A. Both cannot transmit directly from animals to humans*
- *B. The time elapsed between exposure to both viruses and first appearance of symptoms might be up to 14 days*
- *C. Both are caused by the same virus called Corona virus*
- *D. Both can be attenuated by antibiotics*
  
- *Answer: B*

- *According to recent evidence, all of the following might transmit COVID-19 EXCEPT:*
- *A. Asymptomatic infected humans*
- *B. Contaminated smooth surfaces*
- *C. Open food displays*
- *D. Companion animals or pets*
  
- *Answer: D*

- *Which of the following is NOT a common symptom of the COVID-19:*
- *A. Shortness of breath*
- *B. Dry cough*
- *C. Pneumonia*
- *D. Diarrhea*
  
- *Answer: C*

- *According to the WHO's 2019 Global Health Estimates, the highest neonatal deaths occurring globally were recorded in which of the following regions:*
- *A. Africa*
- *B. There are no differences across regions*
- *C. Lower middle income countries*
- *D. Low income countries*
  
- *Answer: D*

- *All of the following statements regarding COVID-19 are correct EXCEPT:*
- *A. Can be transmitted directly and indirectly*
- *B. It is an air borne transmission*
- *C. It is a vector borne transmission*
- *D. It is a zoonotic transmission*
- *E. Can be transmitted directly through food which is contaminated with droplets*
  
- *Answer: E*

- *Which of the following is not correct:*
- *Answer: One of mRNA vaccines disadvantages is that it manipulates Human DNA (maybe Not required)*

- *Correct about disability:*
- *Answer: Diseases and health conditions that are causing the most deaths are those that are responsible for the greatest number of disabilities.*



- *Which of the following is not correct about masks:*
- *A. Health workers should wear medical masks*
- *B. Fabric masks limit spread of air droplets*
- *C. Medical masks are used to filter viruses*
  
- *Answer: C*

اللَّهُمَّ صَلِّ وَسَلِّمْ  
وَبَارِكْ عَلَى مُحَمَّدٍ

*Best of luck <3*