Non-Health Students' Knowledge and Self-Protective Behaviors Against COVID-19 Questionnaire

Part 1: DEMOGRAPHIC DATA

1. Age (in years)
   ……
2. Gender: 1. Male 2. Female
3. Marital status: 1. Married 2. Divorced 3. Single
4. Academic level: **……**
5. Occupation: 1. Governmental 2. Private 3. Free business 4. Not working
6. City of residence 1. Riyadh 2. Dammam 3. Jeddah
7. Have you worked in a healthcare facility? 1. Yes 2. No
8. Do you know anyone who has been diagnosed in your circle with corona in this year? 1. Yes 2. No

Part 2: KNOWLEDGE ABOUT CORONA INFECTION

9. Is Corona a viral infection? Yes ☐ No ☐ Don't know ☐
10. Can the same person catch COVID-19 infection more than one time? Yes ☐ No ☐ Don't know ☐
11. How does Corona infection spread?

	Yes	No	Don't know
a. Shaking hands with infected person	☐	☐	☐
b. Droplet of sneeze and cough	☐	☐	☐
c. Imported products from China	☐	☐	☐
d. Contaminated surfaces or objects	☐	☐	☐

12. Fever, cough, cold and shortness of breath are symptoms of corona infection. Yes ☐ No ☐ Don't know ☐
13. Symptoms appear 2-14 days after the infection Yes ☐ No ☐ Don't know ☐

14. Groups who are at increased risk of corona infection

	Yes	No	Don't know
a. Children less than 5 years	☐	☐	☐
b. People with chronic disease	☐	☐	☐
c. Elderly patients	☐	☐	☐
d. People with poor immunity	☐	☐	☐

15. Which of the following can help in preventing corona infection?

	Yes	No	Don't know
a. Washing hands with soap	☐	☐	☐
b. Using hand sanitizer	☐	☐	☐
c. Wearing a face mask	☐	☐	☐
d. Covering nose while sneezing	☐	☐	☐
e. Staying at home	☐	☐	☐

16. When should one seek emergency medical attention?

	Yes	No	Don't know
a. Difficulty in breathing	☐	☐	☐
b. Persistent pain or pressure in chest	☐	☐	☐
c. Bluish lip or face	☐	☐	☐
d. Confusion	☐	☐	☐
e. Fatigue	☐	☐	☐

17. what are the benefits of COVID-19 vaccine?

	Yes	No	Don't know
a. Reduce the risk for infection	☐	☐	☐
b. Reduce the severity of symptoms	☐	☐	☐
c. Reduce the incidence of sever complication	☐	☐	☐
d. Reduce mortality rate	☐	☐	☐

18. Can COVID-19 vaccine provide long life immunity?

Yes	No	Don't know
☐	☐	☐

19. What are your Sources of information about COVID-19 pre-intervention?
(More than one source can be chosen)

1. Saudi Ministry of Health
2. Health Care Staff
3. International Health Websites
4. Official Saudi Health websites
5. Peer Reviewed Health Journals
6. Mass media
7. Social media
8. Friends and Relatives

Part 3: Self-Protective Behaviors Scale

Question	**To what extent you are carful to do the following?**	**Always**	**Occasionally**	**Never**
20.	Wearing facemask			
21.	Social distancing			
22.	Hand washing or alcohol rub.			
23.	Disinfect surfaces			
24.	Respiratory etiquette			
25.	Healthy lifestyle			
26.	Hospital visiting for emergency signs			
27.	Vaccination.			

Part 4: Protection Motivation Theory (PMT) Constructs Scale

Ques	Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
A.	**Perceived vulnerability**					
1.	I am more susceptible than others to catch COVID-19 infection.					
2.	My health status makes me vulnerable to COVID-19 infection.					
3.	I am susceptible to COVID-19 infection due to unhealthy lifestyle and negligence of protective measures inside and outside the home					
B.	**Perceived severity**					
4.	COVID-19 infection may lead to severe pneumonia and respiratory failure					
5.	COVID-19 infection may cause severe and permanent lung damage					
6.	COVID-19 infection is highly contagious and may infect the whole family					
C.	**Fear**					
7.	It terrifies me to think that I may be infected with COVID-19.					
8.	The idea of being isolated in the hospital terrifies me					
9.	I feel very awful if I notice any symptoms like those of COVID-19.					
D.	**Intrinsic reward**					
10.	If I adhere to the preventive measures, it will reduce my anxiety about COVID-19 infection.					
11.	Adhering to a healthy lifestyle helps me raise my immunity and protect me from COVID-19 infection.					
12.	Social distancing greatly reduces my risk and stress related to COVID-19 infection.					

Ques	Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
E.	**Extrinsic reward**					
13.	My family encourages me to adhere to preventive measures and social distancing					
14.	My family encourages me to adhere to a healthy lifestyle to prevent COVID-19 infection.					
15.	The health team provides me with the necessary instructions to prevent COVID-19 infection.					
F.	**Response efficacy**					
16.	Adhering to preventive measures and social distancing can save my life					
17.	COVID-19 vaccine may protect me from infection.					
18.	If I stick to the healthy lifestyles, I will be safe from COVID-19 infection.					
G.	**Self-efficacy**					
19.	I am confident that I will be able to deal efficiently with COVID-19.					
20.	My ability to adapt helps me stay calm in difficult situations while fighting the virus					
21.	If I am in trouble, I can usually think of appropriate solutions and alternatives to stay safe from infection					
H.	**Response cost**					
22.	Despite the importance of preventive measures, it makes me feel embarrassed*					
23.	Preventive measures are costly*					
24.	If I adhere to social distancing and preventive measures, others will bully me*					

Ques	Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I.	**Behavior intention**					
25.	I intend to apply social distancing as a preventive measure, no matter what it costs me.					
26.	I intend to seek health care if I suffered from COVID-19 symptoms.					
27.	I intended to change my lifestyle to a healthy one.					
28.	I am intended to take COVID-19 vaccines regardless of its risk.					