Supplementary File

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| Questions | n (%) |
| **Domain 1: Knowledge about COVID-19** | |
| 1. What type of infectious disease is COVID-19?  Correctly answered  Incorrectly answered | 462 (92)  41 (8) |
| 2. What is the main transmission route of COVID-19?  Correctly answered  Incorrectly answered | 487 (97)  16 (3) |
| 3. How long is COVID-19 incubation period?  Correctly answered  Incorrectly answered | 390 (78)  113 (22) |
| 4. Who are susceptible to COVID-19?  Correctly answered  Incorrectly answered | 104 (21)  399 (79) |
| 5. What are the main clinical manifestations of COVID-19?  Correctly answered  Incorrectly answered | 231 (46)  272 (54) |
| 6.There currently is no effective cure for COVID-2019, but early symptomatic and supportive treatment can help most patients recover from the infection  Correctly answered  Incorrectly answered | 473 (94)  30 (06) |
| 7. Not all persons with COVID-2019 will develop severe symptoms. Only those who are elderly, have chronic illnesses, and are obese are more likely to be severe cases.  Correctly answered  Incorrectly answered | 382 (76)  121 (24) |
| 8. Contacting wild animals would not result in the infection by the COVID-19 virus.  Correctly answered  Incorrectly answered | 230 (46)  273 (54) |
| 9. Persons with COVID-2019 can transmit the virus to others when a fever is not present  Correctly answered  Incorrectly answered | 393 (78)  110 (22) |
| 10. The COVID-19 virus spreads via respiratory droplets of infected individuals.  Correctly answered  Incorrectly answered | 470 (93)  33 (07) |
| 11. The COVID-19 infection can be prevented through handwashing, wearing general medical masks and personal hygiene.  Correctly answered  Incorrectly answered | 437 (87)  66 (13) |
| 12. It is necessary for children and young adults to take extra precautions to prevent the infection by the COVID-19 virus.  Correctly answered  Incorrectly answered | 472 (94)  31 (06) |
| 13. To prevent the infection by the COVID-19 virus, individuals should avoid going to crowded places.  Correctly answered  Incorrectly answered | 472 (94)  31 (06) |
| 14. Isolation and treatment of people who are infected with the COVID-19 virus are effective ways to reduce the spread of the virus.  Correctly answered  Incorrectly answered | 484 (96)  19 (04) |
| 15. People who have contact with someone infected with the COVID-16 virus should be immediately isolated in a proper place. In general, the observation period is 14 days  Correctly answered  Incorrectly answered | 481 (96)  22 (04) |
| **Domain 2: Attitude towards COVID-19** | |
| 1. Media coverage (e.g. newspaper, television, online) gives much exposure to the COVID-19 virus?  Positive  Neutral  Negative | 442 (88)  13 (03)  48 (09) |
| 2. Lockdown &Curfew of major cities will help towinthebattleagainsttheCOVID-19virus  Positive  Neutral  Negative | 452 (90)  07 (01)  44 (09) |
| 3. The COVID-19 virus finally will be successfully controlled?  Positive  Neutral  Negative | 312 (62)  80 (16)  111 (22) |
| 4. Do you hope the outbreak stop fast so you can return to school soon?  Positive  Neutral  Negative | 411 (82)  37 (07)  55 (11) |
| 5. Do you think you will be more capable of going through such public health emergence?  Positive  Neutral  Negative | 394 (78)  43 (09)  66 (13) |
| 6. Do you think this outbreak has impacted your studies?  Positive  Neutral  Negative | 95 (19)  50 (10)  358 (71) |
| 7. Face mask & Hand washing is necessary for prevention of infection.  Positive  Neutral  Negative | 402 (80)  80 (16)  21 (04) |
| 8. Smoking will not prevent infection  Positive  Neutral  Negative | 352 (70)  90 (18)  61 (12) |
| 9. Virus is not a stigma and I should not hide my infection  Positive  Neutral  Negative | 390 (78)  52 (10)  61 (12) |
| 10 If getting infected I will go to hospital as advised.  Positive  Neutral  Negative | 396 (79)  29 (06)  78 (15) |
| 11. I can get infected If I contacted an infected patient despite of my strong beliefs.  Positive  Neutral  Negative | 397 (79)  49 (10)  57 (11) |
| 12. I can get infected If I contacted an infected patient despite my good immunity  Positive  Neutral  Negative | 395 (79)  30 (06)  78 (15) |
| 13. Have you bought face masks  Positive  Neutral  Negative | 503 (100)  00 (00)  00 (00) |
| 14. I follow regular updates on virus.  Positive  Neutral  Negative | 441(88)  15 (03)  47 (09) |
| **Domain 3: Fear about COVID-19** | |
| 1. Are you afraid to contact with people who has flu symptoms such as cough, running nose, sneezing and fever?  Yes  No | 392 (78)  111 (22) |
| 2. Are you afraid to eat outside food & raw food from hawker centers.  Yes  No | 359 (71)  144 (29) |
| 3. Are you afraid to contact your friends and relatives who just back from overseas?  Yes  No | 353 (70)  150 (30) |
| 4. Are you afraid to go to crowed places  Yes  No | 463 (87)  67 (13) |
| 5.Are you avoiding taking public transport (e.g taxi, bus, train and airplane)?  Yes  No | 451 (90)  52 (10) |
| **Domain 4: Practices to deal with COVID 19** | |
| 1. Do you avoid hand shaking  Proactive  Neutral  Passive | 429 (85)  07 (01)  67 (13) |
| 2. Do you wash hands with water and soap regularly.  Proactive  Neutral  Passive | 492 (98)  03 (0.5)  08 (1.5) |
| 3. Do you use alcoholic hand rub.  Proactive  Neutral  Passive | 345 (69)  16 (03)  142 (28) |
| 4. Do you cough and sneeze in a tissue and throw it in waste bin.  Proactive  Neutral  Passive | 467 (93)  07 (01)  29 (06) |
| 5. Do you wear a face mask.  Proactive  Neutral  Passive | 476 (95)  04 (01)  23 (04) |
| 6. Do you drink ginger & eat garlic with honey.  Proactive  Neutral  Passive | 247 (49)  09 (02)  247 (49) |
| 7. Are you satisfied with the steps of ministry of health to contain COVID-19.  Proactive  Neutral  Passive | 358 (71)  51 (10)  94 (19) |
| 8. Did the outbreak of the COVID-19 virus make you increase the frequency of washing hands  Proactive  Neutral  Passive | 467 (93)  14 (03)  22 (04) |
| 9. Did the outbreak of the COVID-19 virus make you use hand sanitizer more frequently.  Proactive  Neutral  Passive | 463 (92)  09 (02)  31 (06) |
| 10. Did the outbreak of the COVID-19 virus make you use personal protective equipment (e.g. mask) more often than you used to.  Proactive  Neutral  Passive | 471 (94)  10 (02)  22 (04) |
| 11. Did you carry hand sanitizer with you during the outbreak in Pakistan.  Proactive  Neutral  Passive | 442 (88)  10 (02)  51 (10) |
| 12. Did you write down or store in your phone any helpline number to contact in case you suspected that you or someone you know had the COVID-19 virus?  Proactive  Neutral  Passive | 287 (57)  23 (05)  193 (38) |
| 13.Did you maintain social distance during the outbreak?  Proactive  Neutral  Passive | 464 (92)  09 (02)  30 (06) |
| 14. Did you cover cough and sneeze with a tissue, handkerchief, etc. during the outbreak.  Proactive  Neutral  Passive | 411 (82)  50 (10)  42 (08) |
| 15. Did you avoid unnecessary travel or outing during the outbreak?  Proactive  Neutral  Passive | 481 (96)  06 (01)  16 (03) |
| 16. Are you staying at home and avoid going to crowded places?  Proactive  Neutral  Passive | 486 (97)  00 (00)  17 (03) |
| 17. Will you take medicine (conventional or traditional medicine) if you feel your body unwell?  Proactive  Neutral  Passive | 448 (89)  13 (03)  42 (08) |
| 18. Will you perform healthy lifestyle (eat nutritious food, exercise regularly, and get enough of rest or sleep) to maintain your body health and to avoid infection?  Proactive  Neutral  Passive | 470 (93)  12 (02)  21 (04) |
| **Domain 5: Preventive Behavior** | |
| 1.Do you cancelled or postponed meetings with friends, eating-out and sport events  Appropriate Behavior  Inappropriate Behavior | 469 (93)  34 (07) |
| 2. Do you reduced the use of public transportation  Appropriate Behavior  Inappropriate Behavior | 486 (97)  17 (03) |
| 3.Do you went shopping less frequently  Appropriate Behavior  Inappropriate Behavior | 437 (94)  30 (06) |
| 4.Do you avoided coughing around people as much as possible.  Appropriate Behavior  Inappropriate Behavior | 486 (97)  17 (03) |
| 5.Do you avoided places where a large number of people are gathered  Appropriate Behavior  Inappropriate Behavior | 480 (95)  23 (05) |
| 6. Do you increased the frequency of cleaning and disinfecting items that can be easily touched with hands (i.e. door handles and surfaces).  Appropriate Behavior  Inappropriate Behavior | 454 (90)  49 (10) |
| 7.Do you washed the hands more often than usual.  Appropriate Behavior  Inappropriate Behavior | 479 (95)  24 (05) |
| 8.Do you discussed COVID-19 prevention with my family and friends.  Appropriate Behavior  Inappropriate Behavior | 481 (96)  22 (04) |
| **Domain 6: Risk Perception** | |
| 1. You may become infected with COVID-19 more easily than others.  Yes  No | 156 (31)  347 (69) |
| 2.Are you afraid to be infected with COVID-19  Yes  No | 312 (62)  191 (38) |