

## Appendix 4

Published as supplied by authors (unedited).

### COVID-19: Post-simulation survey

Multiple choice: 20 questions,  
each 5 points

Name:
Grade:
Score:

#### 1. What are the susceptible populations for COVID-19? [Single choice question]

- a. Children
- b. Middle-aged
- c. All the people (correct answer)
- d. Elderly

#### 2. Which of the following is not included in the known transmission routes of COVID-19? [Single choice question]

- a. Contact transmission
- b. Droplet transmission
- c. Soil transmission (correct answer)
- d. Aerosol transmission

#### 3. Epidemiological characteristics of infectious diseases [Single choice question]

- a. Source of infection
- b. Transmission route
- c. Susceptible people
- d. All of the above (correct answers)

#### 4. Characteristics of the epidemiological history of suspected cases of COVID-19 [Single choice question]

- a. Travel or residence history of Wuhan City and surrounding areas, or other communities with confirmed case within 14 days
- b. A history of contact with people infected with COVID-19 (positive nucleic acid test) within 14 days

c. People had been exposed to patients with fever or respiratory symptoms from Wuhan and surrounding areas, or from communities with confirmed cases within 14 days

d. Cluster (2 or more cases of fever and/or respiratory symptoms within 2 weeks in a small area such as home, office, school, class, etc.) All of the above (correct answer)

#### 5. Will SARS-CoV-2 transmission from human to human? [Single choice question]

- a. Yes, although the source is not clear, but it has the ability to transmission from human to human (correct answer)
- b. No, mainly transmission between animals
- c. No, mainly transmission between human and animals

#### 6. During the COVID-19 epidemic, regarding travel issues, which following behavior is incorrect? [single choice question]

- a. Try not to take off the mask on the way
- b. When removing the mask, do not touch the outer surface of the mask
- c. Put the used mask directly into the bag or pocket (correct answer)
- d. Wash hands frequently, do not touch, keep hands clean

#### 7. For SARS-CoV-2, which of the following conditions can kill the virus [single choice question]

- a. 56 °, 30 minutes (correct answer)
- b. 26 °, 20 minutes
- c. 16 °, 10 minutes
- d. 0 °, 5 minutes

#### 8. What personal protective equipment (PPE) are included in secondary protection [single choice question]

- a. Disposable hat
- b. Surgical mask
- c. Goggles or protective mask
- d. Protective clothing
- e. Disposable gloves
- f. Disposable shoe covers
- g. All of the above (correct answers)

#### 9. Hand hygiene [single choice question]

- a. Hand hygiene is the easiest, most effective and economical way to control hospital infections
- b. Hand hygiene is one of the main measures to prevent and control SARS-CoV-2 infections
- c. Six-step rubbing method in the hand hygiene process, rub hands carefully for at least 15 seconds
- d. Wearing gloves cannot replace hand washing
- e. All of the above (correct answers)

#### 10. Regarding the specific measures for self-isolation at home, which following statement is incorrect? [single choice question]

- a. Try to keep a distance of one meter with your family
- b. Participate in family dinners and share dishes (correct answer)
- c. Clean all high-frequency contact surfaces every day
- d. During isolation, drinking more water

#### 11. About the transmission of droplets, which following statement is incorrect? [single choice question]

- a. It can enter the susceptible mucosal surface through a certain distance
- b. The particles are large and will not be suspended in the air for a long time.
- c. Talking, coughing and sneezing may cause droplets
- d. Surgical masks cannot block droplets (correct answer)

#### 12. How to wear a mask correctly [single choice question]

- a. The dark side faces inwards, and the light side faces outwards
- b. To save use, wear on both sides in turn
- c. Fully unfold the folded face, completely cover the mouth and jaw, and use the mask to fully fit the face (correct answer)
- d. Put the end with the metal strip underneath

**13. What is the main infectious source of COVID-19? [single choice question]**

- a. COVID-19 confirmed cases and those who are infected by SARS-CoV-2 but show no symptoms (correct answer)
- b. People in close contact with COVID-19 confirmed cases
- c. People who need home isolation
- d. People returning from epidemic area

**14. Regarding the choice of masks, which of the following is not suitable for protecting yourself from SARS-CoV-2 [single choice question]**

- e. Paper mask (correct answer)
- f. Disposable medical masks
- g. Surgical mask
- h. N95 respirator

**15. Regarding dietary matters, which following statement is incorrect [single choice question]**

- a. Drink plenty of water to ensure that your body has enough water
- b. Eat more fresh fruits and vegetables
- c. Ensure that the meat is eaten after being cooked
- d. Eat more wild animals (correct answer)

**16. Which of the following situations are medical staff should wash their hands and/or use hand disinfection for hand hygiene [single choice question]**

- a. Before contacting the patient
- b. Before aseptic procedure, including before invasive procedure
- c. After contacting the patient
- d. After exposure of the patient's body fluid risk, including after contact with the patient's mucosa, broken skin or wound, blood, body fluids, secretions, excreta, wound dressing
- e. After touching the surrounding environment of the patient, including after touching the surface of medical related equipment, utensils and other objects around the patient
- f. All of the above (correct answers)

**17. Level-Three protection is suitable for [single choice question]**

- a. Close procedure in isolation ward
- b. Emergency surgery for suspected or confirmed patients
- c. Endotracheal intubation and sputum aspiration of the suspected patient
- d. Staff enter the isolation ward for cleaning and disinfection
- e. All of the above (correct answers)

**18. The number of days required for medical observation after contact with personnel suspected of infecting new coronary pneumonia and clinically diagnosed patients after leaving the isolation zone is [single choice question]**

- a. 1 week
- b. 8 days
- c. 14 days (correct answer)
- d. 30 days

**19. How to transfer a suspected COVID-19 case from a community health center to designated hospital? [Multiple Choice Question]**

- a. Let patient go to the designated hospital by himself
- b. Notify local CDC, and call negative pressure ambulance for transfer after sample collected (correct answer)
- c. Arrange for ordinary vehicle transfer by community health center. Don't pay attention, let patient go home and wait for the report after sample collected

**20. When a patient visit your clinic and you suspect the patient is a suspected COVID-19 case, what will you do? [Single choice question]**

- a. Ask the expert team for consultation and provide temporary isolation, and then notify the local CDC to take a sample to confirm the diagnosis. (correct answer)
- b. Refer the patient to infectious specialist immediately. Don't have time to care for the patient, disinfect yourself first
- c. Let the patient go home and observe by himself

