

## Appendix 4

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### 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]

- Children
- Middle-aged
- All the people (correct answer)
- Elderly

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

- Contact transmission
- Droplet transmission
- Soil transmission (correct answer)
- Aerosol transmission

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

- Source of infection
- Transmission route
- Susceptible people
- All of the above (correct answers)

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

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

- 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
- 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]

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

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

- Try not to take off the mask on the way
- When removing the mask, do not touch the outer surface of the mask
- Put the used mask directly into the bag or pocket (correct answer)
- 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]

- 56 °, 30 minutes (correct answer)
- 26 °, 20 minutes
- 16 °, 10 minutes
- 0 °, 5 minutes

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

- Disposable hat
- Surgical mask
- Goggles or protective mask
- Protective clothing
- Disposable gloves
- Disposable shoe covers
- All of the above (correct answers)

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

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

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

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

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

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

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

- The dark side faces inwards, and the light side faces outwards
- To save use, wear on both sides in turn
- Fully unfold the folded face, completely cover the mouth and jaw, and use the mask to fully fit the face (correct answer)
- 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

