

## Appendix 3

Published as supplied by authors (unedited).

### COVID-19: Pre-simulation survey

Multiple choice: 20 questions,  
each 5 points

Name:
Grade:
Score:

#### 1. What is the main source of infectious diseases 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

#### 2. What are the epidemiological characteristics of infectious diseases? [Single-choice question]

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

#### 3. At present, the main clinical manifestations of patients with COVID-19 are ( ). Some patients gradually develop dyspnea. Severe cases present acute respiratory distress syndrome, septic shock, metabolic acidosis and coagulopathy that are difficult to correct. [Single choice question]

- a. Fever
- b. Fatigue
- c. Respiratory symptoms, mainly dry cough
- d. All of the above (correct answer)

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

- a. Infants
- b. Teenagers
- c. All the people (correct answer)
- d. Elderly

#### 5. What are the characteristics of early chest imaging of COVID-19? [Single choice question]

- a. Multiple small patchy shadows and interstitial changes, obvious in the outer lung zone. (correct answer)
- b. Large lung parenchymal changes, obvious as single lobe lung lobe
- c. Bilateral pleural effusion, atelectasis
- d. Upper lung lobe lesions, single lobe local obvious

#### 6. From the general rule, no matter at 30 degrees or low winter temperature, SARS-CoV-2 will slowly ( ), so disinfection can effectively prevent the spread of virus than raising the room temperature. [Single choice question]

- a. Inactivation (correct answer)
- b. Death
- c. Enhance activity

#### 7. Hand hygiene is an important means to prevent the spread of disease. When the hands have visible dirt, how should it be reasonable ( ) [Single choice question]

- a. Do not wash hands
- b. Wear gloves
- c. Wash your hands with soap and running water (correct answer)
- d. Wipe with wet wipes

#### 8. The following situations are not close contacts of COVID-19 patient [single choice question]

- a. Persons living, studying and working with the confirmed COVID-19 case
- b. Medical staff who take effective protective measures during diagnosis, treatment, nursing, and visiting confirmed COVID-19 cases (correct answer)

- c. Other patients in the same room with confirmed COVID-19 case and their accompanying staff

- d. Take the same transportation and have close contact with the confirmed COVID-19 case

#### 9. Persons who are expected to come into contact with blood, bodily fluids, vomit, feces, and contaminated materials of suspected or clinically diagnosed COVID-19 cases should wear which kind of gloves? And if necessary, two layers. [Single choice question]

- a. Acid and alkali resistant gloves
- b. Disposable medical rubber examination gloves (correct answer)
- c. Asbestos gloves
- d. Insulated gloves

#### 10. On January 20, 2020, the National Health Commission of the People's Republic of China issued an announcement that COVID-19 was included in the legal management of Class B infectious diseases, and ( ) infectious disease prevention and control measures were taken. [Single choice question]

- a. Class A (correct answer)
- b. Class B
- c. Class C

#### 11. New infectious diseases or infectious diseases that have not yet been discovered in our country occur or are introduced, and there is a tendency to spread, or infectious diseases that have been eliminated in our country are found to be re-epidemic. This type of situation belongs to Level -( ) major public health emergencies. [Single-choice question]

- a. One (correct answer)
- b. Two
- c. Three
- d. Four

**12. When there is a suspected patient around, in addition to taking isolation and protection measures, timely diagnosis, you also need to disinfect in time. Which following description is wrong ( ) [single choice question]**

- a. When objects such as tables and chairs are contaminated by pollutants (correct answer)
- b. If the skin is contaminated by pollutants
- c. If the mucous membrane is contaminated by pollutants
- d. If the clothing is contaminated by pollutants

**13. How to judge whether you have fever or not? Measuring body temperature in a calm state, if the body temperature exceed ( ) °c, it shows you have fever. [single choice question]**

- a. 36.8
- b. 37
- c. 37.3 (correct answer)
- d. 37.7

**14. Personal protective equipment (PPE) refers to various barrier products used to protect personnel from contact with infectious agents. Which following are not classified as respiratory and eye protective equipment: ( ) [Single-choice question]**

- a. Face mask
- b. Goggles
- c. Protective mask
- d. Helmet (correct answer)

**15. Asymptomatic carriers are those who do not develop disease after infection and only detect the virus in the respiratory tract, so people who return from the place where the epidemic occurred are required to take the initiative to report and isolate themselves. Is this statement correct? [Single-choice question]**

- a. Correct (correct answer)
- b. Error

**16. SARS-CoV-2 can be inactivated after 30 minutes in ( ) degree of water [Single choice question]**

- a. 37°
- b. 45°
- c. 52°
- d. 56°(correct answer)

**17. The report time of COVID-19 is within ( ) [Single-choice question]**

- a. 1 hour
- b. 2 hours (correct answer)
- c. 12 hours
- d. 24 hours

**18. How to refer a suspected COVID-19 case when he is found in community health center? [Single 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

**19. COVID-19 belongs to ( ) infectious diseases [single choice question]**

- a. Class A
- b. Class B (correct answer)
- c. Class C
- d. Other

**20. What will you do as an attending physician when you find a suspected COVID-19 patient at a fever clinic? [Single choice question]**

- a. Ask the expert group 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
- c. Let the patient go home and observe by himself
- d. Do not pay attention and giving corresponding treatment according to the condition