

Allied Health I Respiratory System

⇒ **Directions For Numbers 1-32** : Read each of the following multiple-choice items and the possible answers carefully. Mark the letter of the correct answer on your answer sheet or as instructed by your teacher.

- 1** Which body function is made possible by fibrous plates contained within the cartilage of the larynx?

 - A Breathing
 - B Diffusion
 - C Speech
 - D Swallowing
- 2** Kim experienced hoarseness for two days and loss of voice for three days. She most likely suffers from:

 - A Pneumonia.
 - B Laryngitis.
 - C Tonsillitis.
 - D Tuberculosis.
- 3** Due to the increases in illegal immigration, homelessness, and AIDS, the incidence of what disease is increasing in the United States?

 - A Common cold
 - B Emphysema
 - C Tuberculosis
 - D Sinusitis
- 4** Johnny comes into the emergency room with wheezing, dyspnea, and tightness in the chest. He is experiencing:

 - A Asthma.
 - B Epistaxis.
 - C Sinusitis.
 - D Tuberculosis.
- 5** Structures that produce mucous for the respiratory tract and are located in the skull are the:

 - A Adenoids.
 - B Cochae.
 - C Pleura.
 - D Sinuses.
- 6** Cough, low grade fever in the afternoon, weight loss, and night sweats are symptoms of what respiratory disease?

 - A Tuberculosis
 - B Pneumonia
 - C Bronchitis
 - D Common cold
- 7** The respiratory system ends in millions of tiny, thin-walled sacs called:

 - A Adenoids.
 - B Alveoli.
 - C Bronchi.
 - D Epiglottis.
- 8** What covers the outer surface of the lungs and lines the inner surface of the rib cage?

 - A Cilia
 - B Pharynx
 - C Pleura
 - D Septum

Go on to next page

Allied Health I Respiratory System

- 9 The walls of the trachea are made more rigid by the presence of:
- A Muscle tissue.
 - B The Adam's apple.
 - C Thyroid cartilage.
 - D Rings of cartilage.
- 10 Each lung is divided into two or three parts called:
- A Alveoli.
 - B Bronchi.
 - C Lobes.
 - D Sectors.
- 11 When the trachea divides to enter both lungs, the tubes that are formed are called:
- A Alveoli.
 - B Bronchi.
 - C Pharynx.
 - D Pleura.
- 12 The partition that separates the nose into right and left cavities is the:
- A Eustachia.
 - B Mucosa.
 - C Septum.
 - D Pleura.
- 13 Which structure of the respiratory system is responsible for voice production?
- A Epiglottis
 - B Larynx
 - C Palate
 - D Uvula
- 14 Cilia located in the nasal epithelium perform the function of:
- A Filtering the air.
 - B Moistening the air.
 - C Moving the air.
 - D Warming the air.
- 15 Which of the following words would most closely describe the work of hair in the nose?
- A Dries
 - B Filters
 - C Lubricates
 - D Wastes
- 16 The normal number of breaths an adult takes each minute at rest is about:
- A 7–10
 - B 9–15
 - C 14–20
 - D 24–28
- 17 Of the following, which is the correct pathway of air into the lungs?
- A Alveoli, bronchi, larynx, trachea
 - B Larynx, trachea, bronchi, alveoli
 - C Trachea, alveoli, bronchi, larynx
 - D Trachea, larynx, bronchi, alveoli
- 18 The most common cause of chronic bronchitis is:
- A A virus.
 - B The tubercle bacillus.
 - C Working in a factory.
 - D Cigarette smoking.

Go on to next page

Allied Health I Respiratory System

- 19** What is the name of the cartilage flap that covers the larynx when you swallow?
- A Epiglottis
 - B Uvula
 - C Tongue
 - D Windpipe
- 20** Surfactant is a fatty substance in the lungs that prevents:
- A Infection.
 - B Oxygen and carbon dioxide exchange.
 - C Hiccups.
 - D Alveoli from collapsing.
- 21** Which of the following is initially sensed by the brain to control breathing?
- A Carbon dioxide and oxygen level in blood
 - B Blood pressure
 - C Diaphragm contraction rate
 - D Oxygen concentration in the air
- 22** The part of respiration that involves taking air into the lungs is called:
- A Exhaling.
 - B Expiration.
 - C Inspiration.
 - D Resuscitation.
- 23** What would normally cause a person's respiratory rate to decrease?
- A Exercise
 - B Fever
 - C Fear
 - D Sleeping
- 24** What disorder is characterized by overdilated alveoli that have lost their elasticity?
- A Emphysema
 - B Hepatitis
 - C Pneumonia
 - D Pneumothorax
- 25** What is the recommended treatment for the common cold?
- A Antibiotics
 - B Oxygen therapy
 - C Rest and warm liquids
 - D Inhaled bronchodilator
- 26** In what disease does dyspnea worsen as the disease progresses?
- A Croup
 - B Emphysema
 - C Pertussis
 - D Pneumonia
- 27** The windpipe is referred to as the:
- A Epiglottis.
 - B Nose.
 - C Pharynx.
 - D Trachea.
- 28** The medical name for the throat is the:
- A Adenoid.
 - B Larynx.
 - C Pharynx.
 - D Trachea.

Go on to next page

Allied Health I Respiratory System

29 The two main causes of pneumonia are:

- A Bacteria and viruses.
- B Lack of exercise and diet.
- C Overwork and overeating.
- D Poor health and nutrition.

30 Influenza is caused by a:

- A Bacteria.
- B Fungus.
- C Protozoa.
- D Virus.

31 Where would you find a person's larynx?

- A In the skull
- B In the mouth
- C Inside the neck
- D Inside the chest

32 Coughing is the body's attempt to:

- A Clear the respiratory tract.
- B Increase blood oxygen levels.
- C Warm and moisten the air.
- D Stimulate the vocal cords.