

Special Test-2

Class-Seven

Subject-Science (Chapter-4,9,12)

Time-1 hour 15 minutes

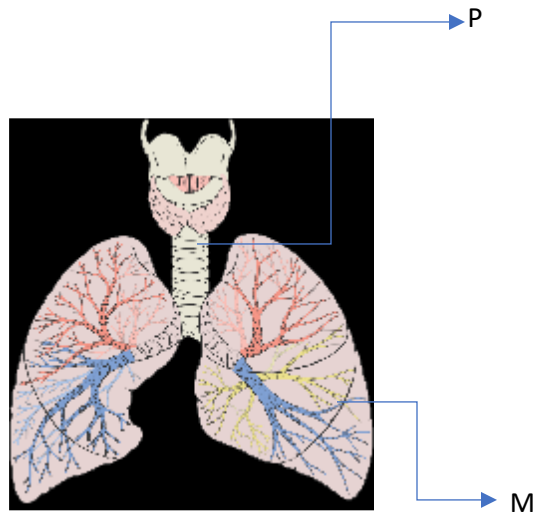
Marks:50

1. Notice the following stimulus and answer the questions:

One winter morning palash put a pot of water on the stove. After a while, he measured the temperature of the water and saw that it had risen to 97° Fahrenheit.

- a) What is heat? 1
- b) Why do lips crack in winter? 2
- c) What will be the temperature of that water in Celsius scale? 3
- d) Analyze how did the temperature of cold water rise? 4

2. Notice the following stimulus and answer the questions:



- a) What is bronchiole? 1
- b) How does stomata guard cell help in respiration? 2
- c) Describe the function of P part in the figure. 3
- d) Discuss in details the M part in the figure. 4

2. Write the correct answer to the multiple-choice question in the answer sheet

1×30=30

1. What every organism release in the process of respiration?

- a. Oxygen b. Carbon c. Nitrogen d. Water

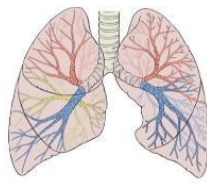
2. What is the name of respiratory organ of fish?

- a. Lung b. Gill c. Trachea d. Scale

3. What is called Tracheal infection?

- a. Asthma b. Tuberculosis c. Pneumonia d. Bronchitis

According to the following figure and answer the questions No 4 and 5:



4. What is the name of the figure?

- a. Kidney b. Chest cavity c. Larynx d. Lung

5. What are the characteristics of that figure?

- i) It is soft like sponge.
- ii) It is covered with pleura membranes.
- iii) In between two folds hard substances are present.

Which one of the following is correct?

- | | |
|---------------|------------------|
| a. i and ii | b. i and iii |
| c. ii and iii | d. i, ii and iii |

6. How many steps external respiration is completed ?

- a. 2 b. 3 c. 4 d. 5

7. Which of the following is responsible for producing of sound in the larynx?

- a. Pleura b. Nasopharynx c. Vocal cord d. Larynx

Which one of the following is correct?

- a. i
- b. ii
- c. iii
- d. i, and iii

16.39.44⁰celsius = How much Fahrenheit?

- a. 98.8⁰F
- b. 97.6⁰F
- c. 100.8⁰F
- d.102.99⁰F

Some animals live in water while some animals live on land. Their respiratory organ is not same. These are due to differences in the respiratory organs living comfortably in their respective environments. Lower animals do not have respiratory organs. They breathe in completely different ways.

17. What is the name of respiratory organ of fish?

- a. Gill
- b. Lung
- c. Skin
- d. Trachea

18. Lower animals respiratory organ is-

- i. Skin
- ii. Lung
- iii. Trachea

Which one of the following is correct?

- a. i and ii
- b. i and iii
- c. iii
- d. i, ii and iii

19. The primary aim of respiration is-

- i. Kinetic energy
- ii. Static energy
- iii. Heat energy

Which one of the following is correct?

- a. i and ii
- b. i and iii
- c. ii and iii
- d. i, ii and iii

20. Which of the following is required in an organism to perform various physiological functions?

- a. Energy
- b. Oxygen
- c. Carbon-di-oxide
- d. Hydrogen

21. Planet consists of ice-

- i. Uranus
- ii. Neptune

iii. Mercury

Which one of the following is correct?

- a. i and ii
- b. i and iii
- c. iii
- d. i, ii and iii

22. Mars planet-

- i. It looks raddish
- ii. light atmosphere
- iii. The surface of it is dusty

Which one of the following is correct?

- a. i
- b. ii
- c. iii
- d. i, ii and iii

23. Aristotle was-

- a. Physician
- b. Philosopher
- c. Geologist
- d. Engineer

24. The sun is burning –

- a. Solid bodies
- b. Gaseous bodies
- c. Meteors
- d. Liquid bodies

25. Which planet rings exist?

- a. Venus
- b. Saturn
- c. Jupiter
- d. Neptune

26. When Bangladesh comes very close to the sun?

- a. 21st June
- b. 21st March
- c. 23rd September
- d. 22nd December

Read the following stimulus and answer the questions no 28 and 29

While watching the game, Shreya’s father told Shreya that Bangladesh and Australia are located in two hemispheres of the world. In Bangladesh it is day, it is night in Australia.

27. Which side of the earth is slightly flat?

- a. East-West
- b. North-South
- c. East-South
- d. Right-Left

28. In which hemisphere is Bangladesh located?

- a. North
- b. South
- c. East
- d. West

29. The days and nights of that two countries are equal-

- i. 21st March
- ii. 21st December
- iii. 23rd September

Which one of the following is correct?

a. i

c. i and iii

b. i and ii

d. ii and iii

30. How many types of earth motion?

a. 2

b. 3

c. 4

d. 5