



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

WORK SHEET – 34

Class: IX

Sub: Life Science

Date: 12.06.2020

Topic: Working Model of Lungs and Lungs and Healthy Life

F.M. : 15

Choose the correct option:

(1x15=15)

1. The Bell jar model lung can be used to demonstrate the basic :-
a) Process of respiration b) Mechanism of breathing c) Mechanism of cellular respiration
d) All of these

Answer : Mechanism of breathing (b)

2. The Y-shaped tube in the bell jar model represents :-
a) Trachea b) Two bronchi c) Trachea and Two bronchi d) Two Bronchioles

Answer : Trachea and Two bronchi (c)

3. The deflated balloons show the phase of _____ during Breathing.
a) Cellular respiration b) Inspiration c) Expiration d) None of these

Answer : Expiration (c)

4. The pulling down of the rubber sheet _____ capacity of bell jar which represents _____ cavity in a human body.
a) Increases, Thoracic b) Decreases, thoracic c) Increases, abdominal d) Decreases, abdominal

Answer : Increases, Thoracic (a)

5. The diaphragm in the bell jar experiment is represented by the :-
a) Bell jar b) Y-tube c) Rubber sheet d) Balloons

Answer : Rubber sheet (c)

6. The substance which is harmful to the lungs :-
a) Germs b) Tobacco smoke c) Sticky tar d) All of these

Answer : All of these (d)

7. We can increase the lung capacity :-
a) Smoking b) Swimming c) Running d) Both Swimming and running

Answer : Both swimming and running (d)

8. The larger lung capacity results in :-
a) Increase in stamina b) Better overall health c) Better oxygen supply to body d) All of these

Answer : All of these(d)

9. The best way to lower stress in the body :-
a) Vigorous exercise b) Deep breathing c) Yoga d) Both (b) and (c)
Answer : Both (b) and (c)
10. Yoga helps in :-
a) Increasing flexibility and strength b) Helps to relax c) Increases concentration d) All of these
Answer : All of these (d)
11. Smoke from cigarettes contains for tar which :-
a) Blocks the trachea b) Stick to the cilia of lungs c) Blocks the arteries d) All of these
Answer : All of these (d)
12. Second hand smoking is also known as :-
a) Passive smoking b) Active smoking c) Chain smoking d) None of these
Answer : Passive smoking (a)
13. Smokers have a high risk of the following disease :-
a) Bronchitis b) Emphysema c) Lung cancer d) All of these
Answer : All of these (d)
14. A condition in which air sacs of the lungs are damaged and enlarged causing breathlessness is called :-
a) Emphysema b) Bronchitis c) Lung cancer d) Pneumonia
Answer : Emphysema (a)
15. Inflammation of the lining of bronchial tubes is called :-
a) Emphysema b) Tuberculosis c) Pneumonia d) Bronchitis
Answer : Bronchitis (d)

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