



# 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 Healthy Life

F.M. : 15

**Choose the correct option:**

**(1x15=15)**

1. The Bell jar model of lungs can be used to demonstrate the basic :-  
a) Process of respiration b) Mechanism of breathing c) Mechanism of cellular respiration  
d) All of these
2. The Y-shaped tube in the bell jar model represents :-  
a) Trachea b) Two bronchi c) Trachea and Two bronchi d) Two Bronchioles
3. The deflated balloons show the phase of \_\_\_\_\_ during Breathing.  
a) Cellular respiration b) Inspiration c) Expiration d) None of these
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
5. The diaphragm in the bell jar experiment is represented by the :-  
a) Bell jar b) Y-tube c) Rubber sheet d) Balloons
6. The substance which is harmful to the lungs :-  
a) Germs b) Tobacco smoke c) Sticky tar d) All of these
7. We can increase the lung capacity :-  
a) Smoking b) Swimming c) Running d) Both Swimming and running
8. The larger lung capacity results in :-  
a) Increase in stamina b) Better overall wealth c) Better oxygen supply to body d) All of these
9. The best way to lower stress in the body :-  
a) Vigorous exercise b) Deep breathing c) Yoga d) Both (b) and (c)
10. Yoga helps in :-  
a) Increasing flexibility and strength b) Helps to relax c) Increases concentration d) All of these
11. Smoke from cigarettes contains tar which :-  
a) Blocks the trachea b) Stick to the cilia of lungs c) Blocks the arteries d) All of these
12. Second hand smoking is also known as :-  
a) Passive smoking b) Active smoking c) Chain smoking d) None of these

13. Smokers have a high risk of the following disease :-  
a) Bronchitis b) Emphysema c) Lung cancer d) All of these
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
15. Inflammation of the lining of bronchial tubes is called :-  
a) Emphysema b) Tuberculosis c) Pneumonia d) Bronchitis

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