



Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)
Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India

Bachelor's Degree Examination –June 2021
VI Semester

Class : III UG
Major : Physician Assistant

Time : 3 Hours
Max. Marks : 100

18BPAC33 Respiratory

Part A

10x1=10

Choose the correct answer

1. In which part of the respiratory system, gaseous exchange takes place?
a. Alveoli
b. Pharynx
c. Larynx
d. Trachea
2. _____ is located between two pleural sacs and is the central compartment of the thoracic cavity?
a. Hilum
b. Pleura
c. Mediastinum
d. Thoracic cage
3. Which one of the following statements is false about the trachea?
a. Has C-shaped rings
b. It is covered by epiglottis
c. It splits into the right and left lungs
d. None of the above
4. The tiny air sacs present in human lungs is called
a. Alveoli
b. Bronchus
c. Bronchioles
d. All of the above
5. Which of the following functions by filtering and keeping the mucus and dirt away from our lungs?
a. Cilia
b. Bronchioles
c. Hairs in the lungs
d. All of the above
6. The total number of alveoli present in the human lungs is estimated to be around
a. 1 billion
b. 800 million
c. 500 million
d. 1500 million
7. The exchange of gases between the external environment and the lungs
a. Respiration
b. External respiration
c. Cellular respiration
d. None of the above
8. Respiratory Mechanism is controlled by
a. Central Nervous System
b. Sympathetic Nervous System
c. para Sympathetic Nervous System
d. Autonomic Nervous System
9. Inflammation of the lungs covering causing severe chest pain is
a. Emphysema
b. Pleurisy
c. Asphyxia
d. Hypoxia
10. Reduction in respiratory surface of the lungs due to break down of partition in the alveoli is known as
a. Asphyxia
b. Bronchitis
c. Asthma
d. Emphysema

Part B

5 x 6 = 30

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 11.a. Describe the Upper Respiratory system.
(or)
- 11.b. Write a note on Pulmonary Function Test.
- 12.a. Explain Bronchoscopy procedure.
(or)
- 12.b. Define Pneumothorax , its causes, Diagnostic measures and treatment the measures.
- 13 a. Write short note on Anti Tubercular Drugs.
(or)
- 13.b. Explain about the Broncodilators.
- 14.a. Write down the Procedure of Thoracentesis.
(or)
- 14.b. What is Pulmonary Rehabilitation and explain it.
- 15.a. Define Lung abscess, its causes, Diagnostic measures and treatment the measures.
(or)
- 15.b. Explain the Oxygen Therapy.

Part C

5 x 12 = 60

Answer ALL questions

Each answer should not exceed 800 words or four pages

16. a. Describe the anatomy of the lung along with figure.
(or)
- 16.b. Explain the Mechanism o Respiration with Picture.
- 17.a. Write a detail notes on Arterial blood gas analysis.
(or)
- 17.b. What is Echo cardio gram and describe it.
- 18.a. definition of Bronchial Asthma.
(or)
- 18.b. Occupational lung Disease.
- 19.a. Drug therapy for Bronchial Asthuma, its causes, Diagnostic measures and treatment the measures.
(or)
- 19.b. what is Intensive Care unit and its Types explain it.
- 20.a. What is Intercostals drainage and write down procedure with its type.
(or)
- 20.b. Define Trachiostomy, the procedure and the patients teaching after Trachiostomy.
