Note: Please attempt any 10 short questions from Question 2. Also, attempt both part (a and b) of Question 3. Cutting and removal of any content is strictly prohibited Objective-Section Q. 1 Encircle the correct answer. (10x1=10) 1. Most of the gaseous exchange in a leaf occurs through: A) Guard cells B) Stomata C) Lenticels D) Companion cell 2. Glottis is a narrow opening at the floor of: A) Nasal cavity B) Nostril C) Pharynx D) Larynx 3. Where does the gaseous exchange occur in humans: A) Bronchi B) Trachea C) Pharynx D) Alveoli 4. Which structure helps in taking air out of lungs? A) Kidney B) Diaphragm C) Bladder D) Ureter 5. The respiratory centre is present in: A) Lungs B) Brain C) Nose D) Muscles 6. The acute bronchitis usually lasts about: A) One week B) Two weeks C) Three weeks D) Four weeks 7. Cutting of walls of Alveoli is called: A) Asthma D) Bronchitis B) Emphysema D) Bronchitis 8. Which disease is not related to lungs? A) Asthma D) Emphysema D) Pneumonia 9. Total chemicals in tobacco smoke are: D) Pneumonia	4	Total Marks:	Time: 80 minutes	Class: 10 th	Subject: Biology	·
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10. Every year "World No Tobacco Day" is celebrated on:				elebrated on:		
A) 11 May B) 21 May C) 25 May D) 31 May		1 May	D) 3	C) 25 May	B) 21 May	A) 11 May
Subjective-Section				Section	Subjectiv	

- ii. Write a short note on gaseous exchange in plants.
- iii. What is the role of Pharynx in Respiration?
- iv. How specific sound for talking is produced?
- v. Trace the path of air from the nasal cavity to the alveoli.
- vi. What is inspiration?
- vii. Differentiate between acute and chronic bronchitis.
- viii. Write the name of Bacterium which causes Pneumonia.
- ix. Write down two symptoms and treatment of Asthma.
- x. What is meant by carcinogens?
- xi. How does smoking affect the circulatory system?
- xii. What is Arteriosclerosis? Describe briefly.

Q.No.3 Long Question:

- a) Explain the respiratory system of humans.
- b) Write a detailed note on Lung Cancer.

(5+5=10)